

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

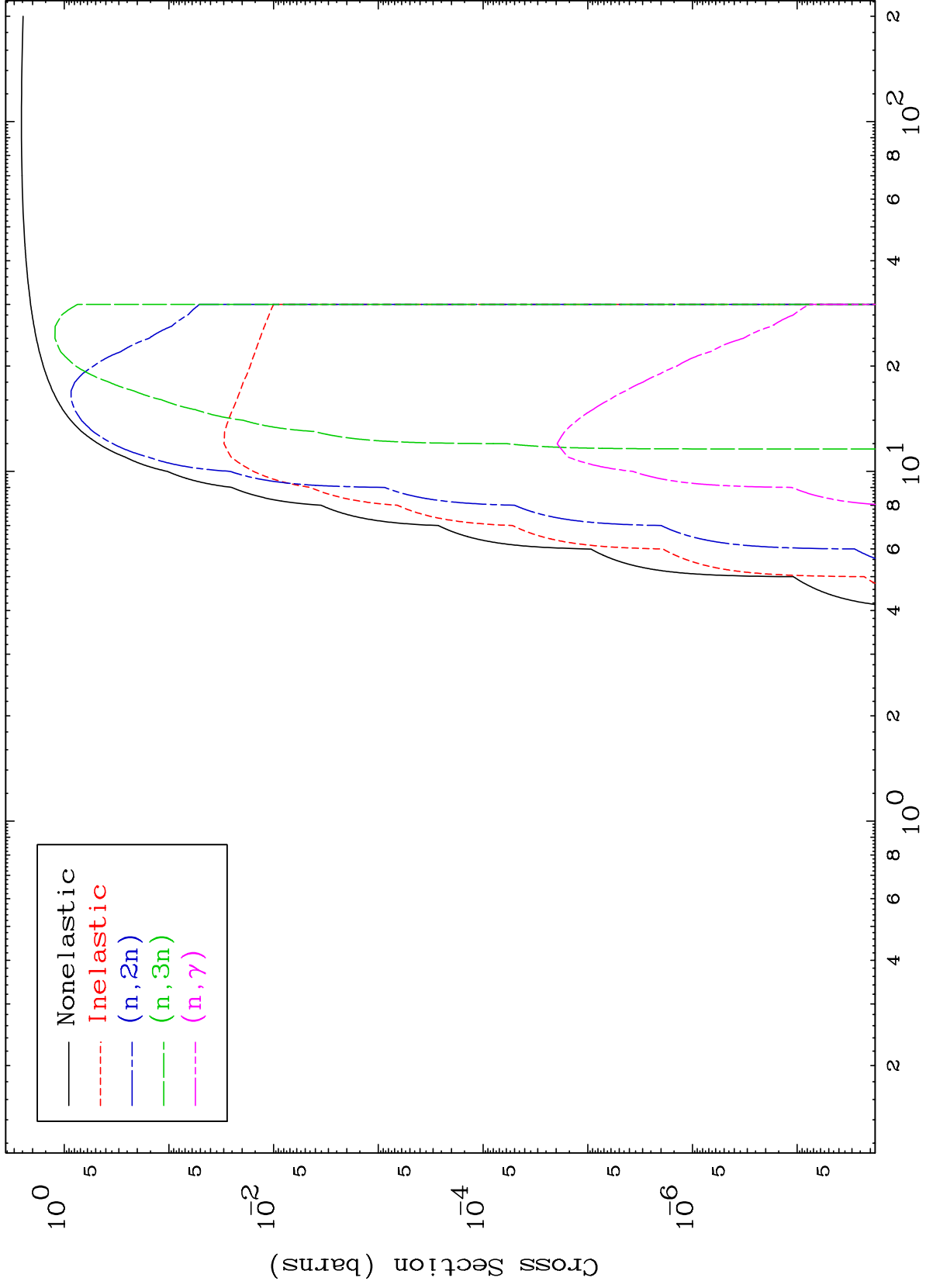
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

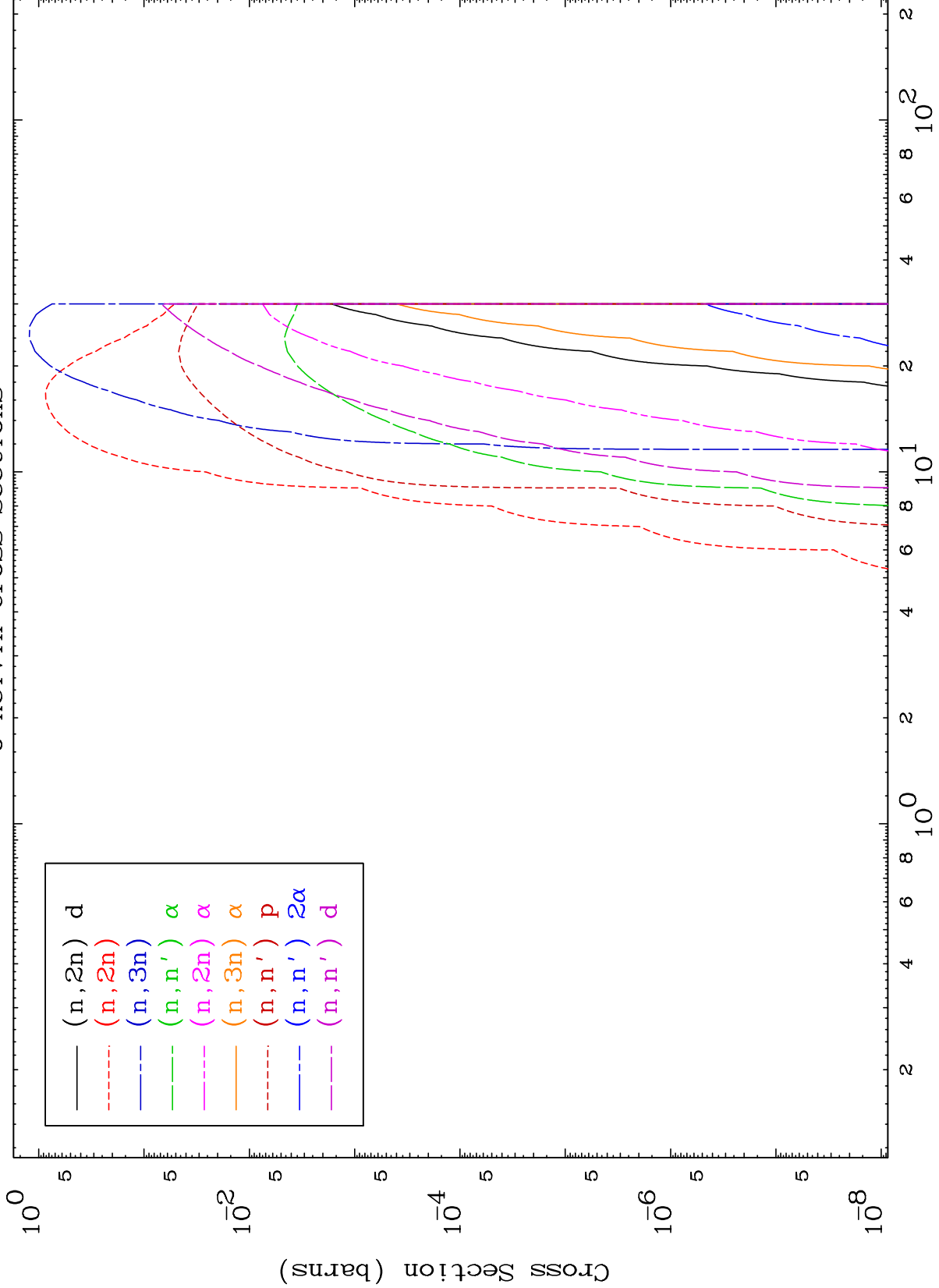
Press Mouse Button to Start

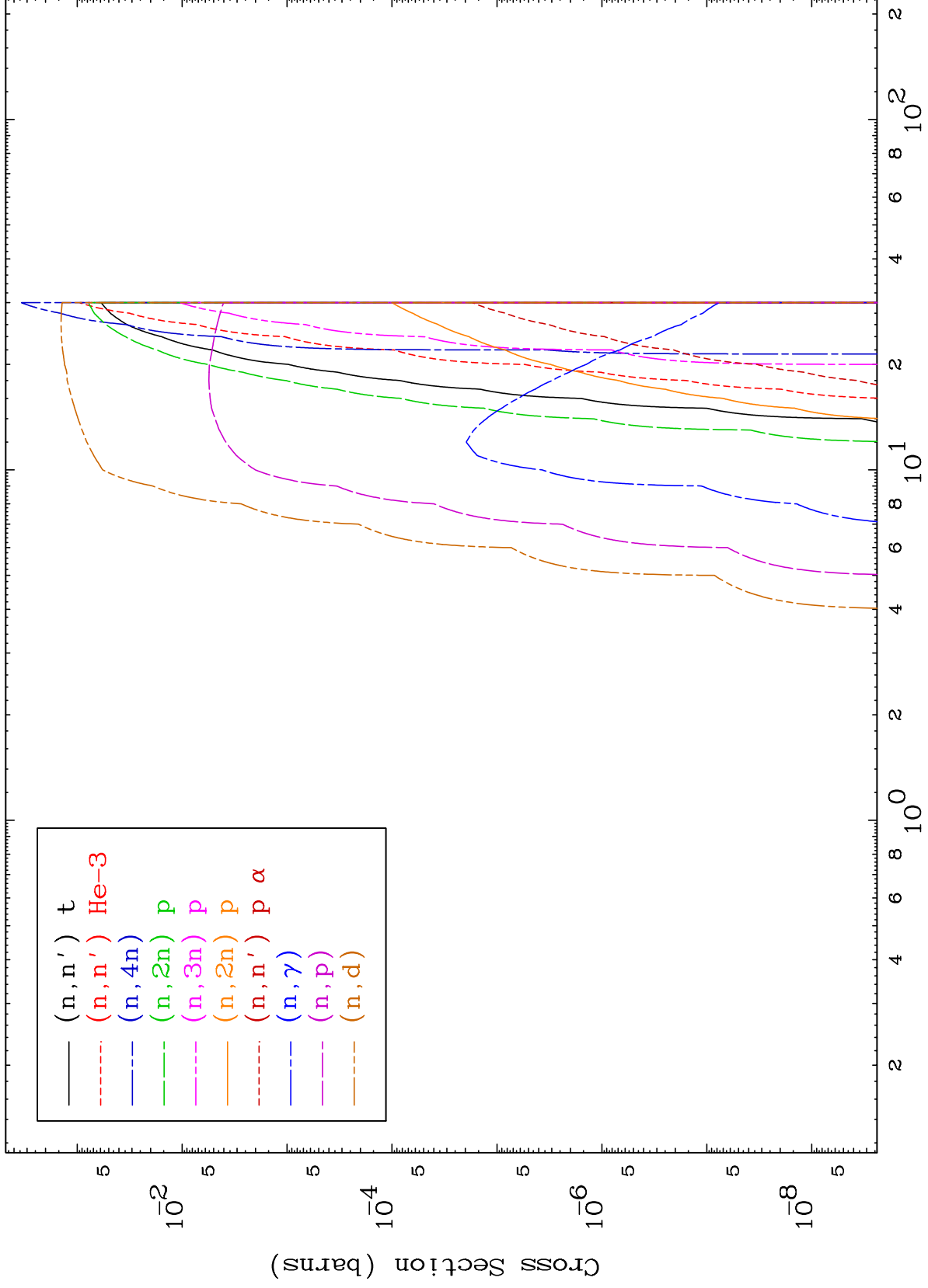


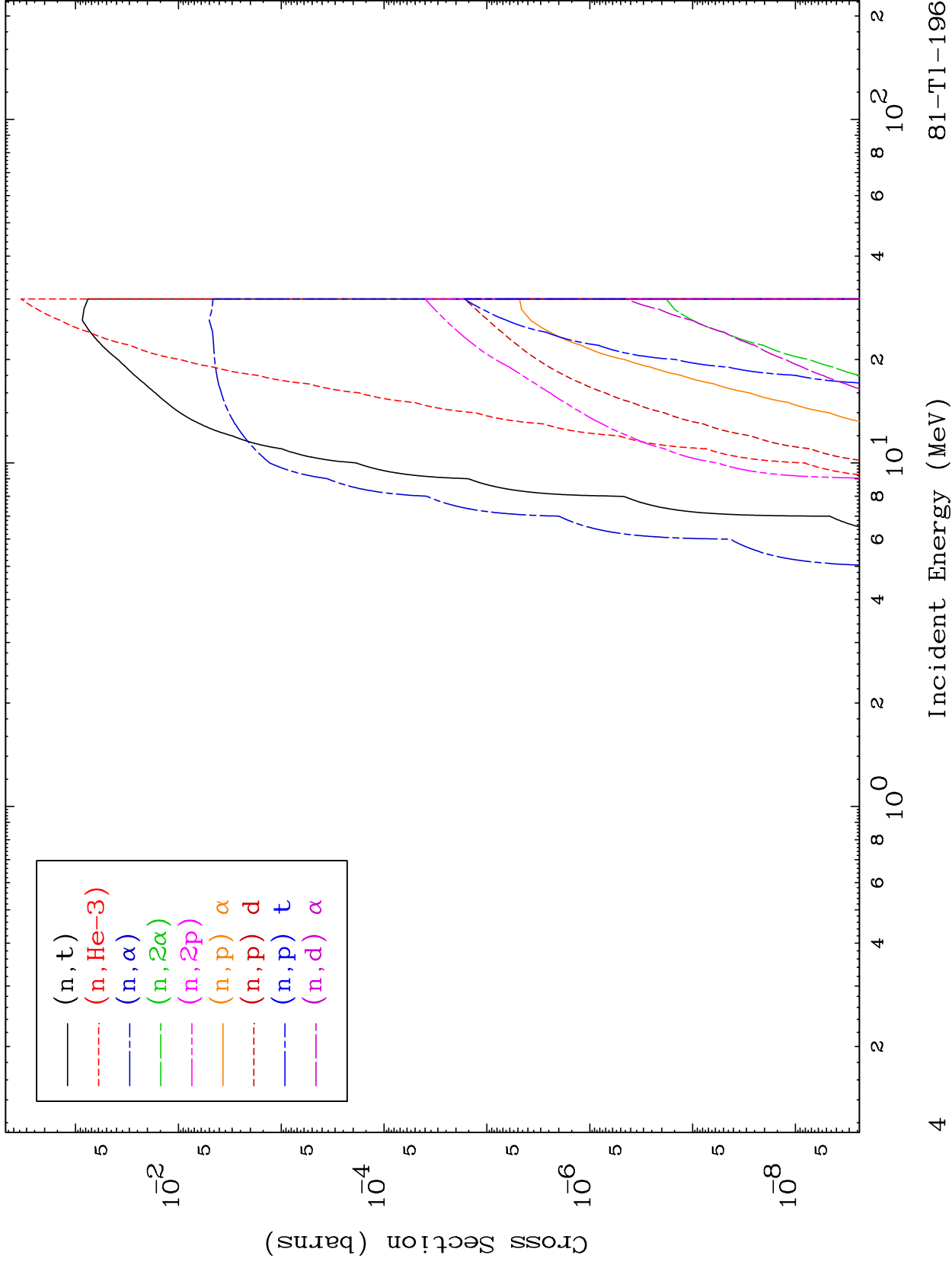
MAT 8104

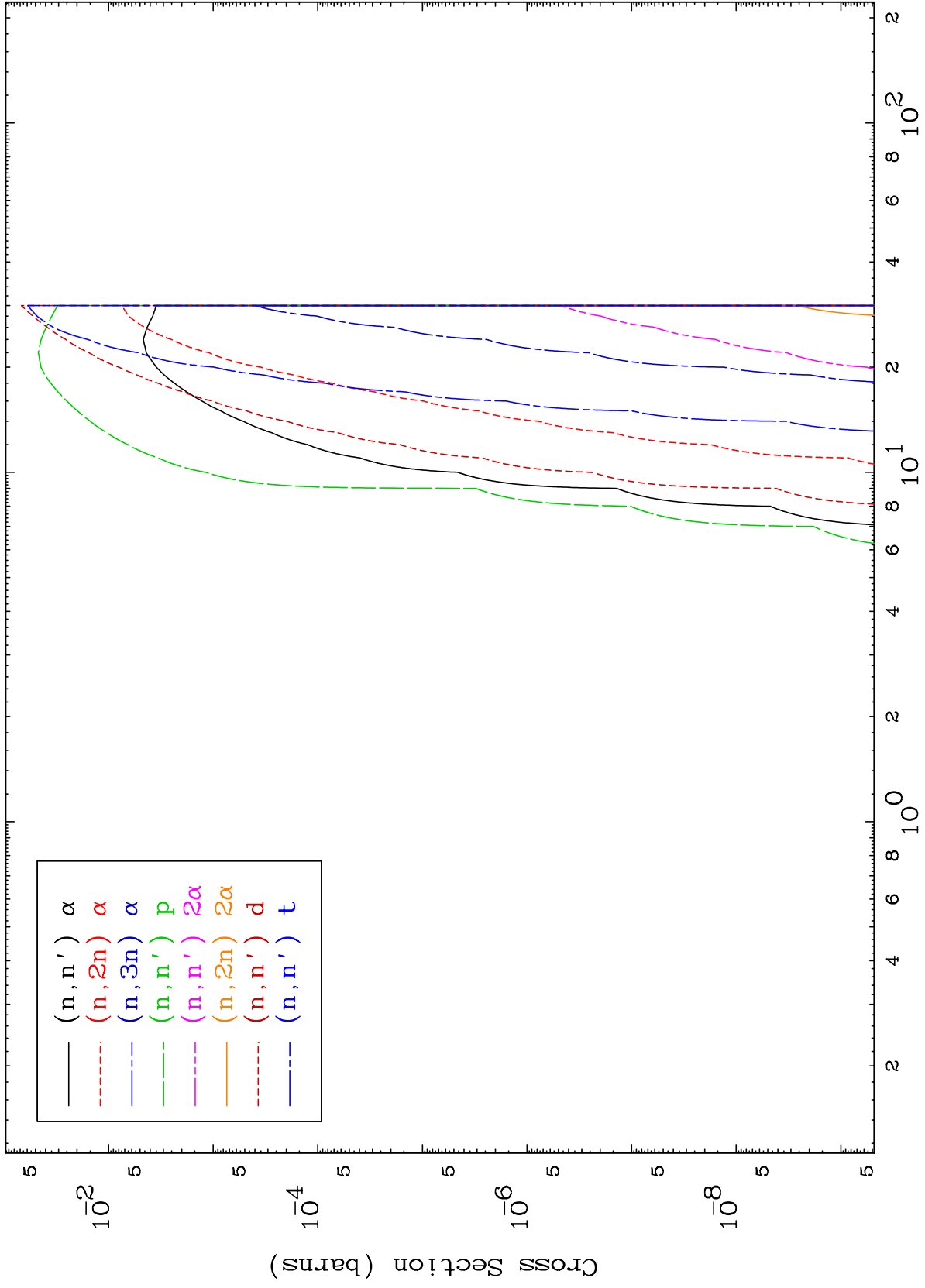
Triton Neutron Absorption
0 Kelvin Cross Sections

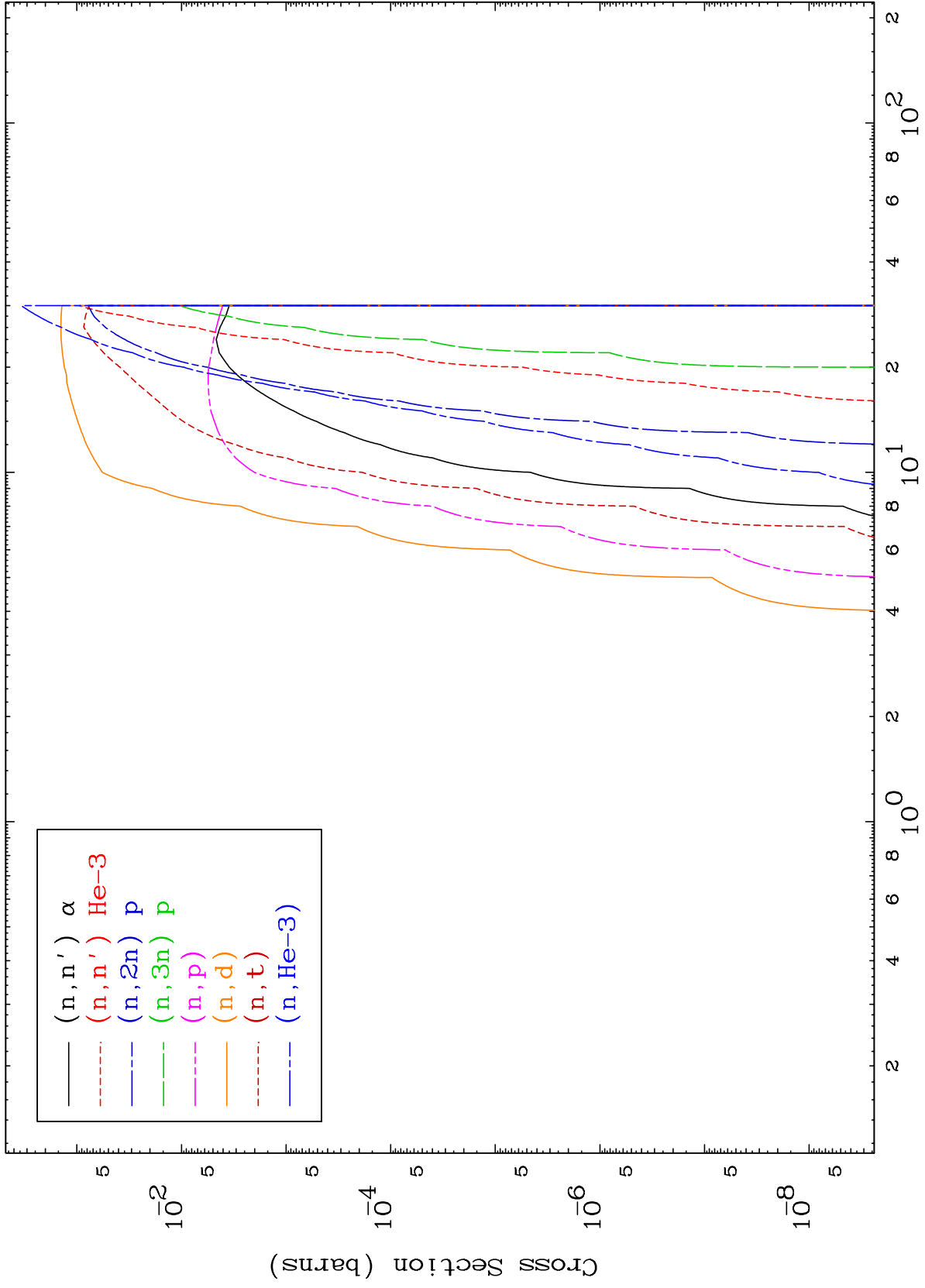
81-T1-196

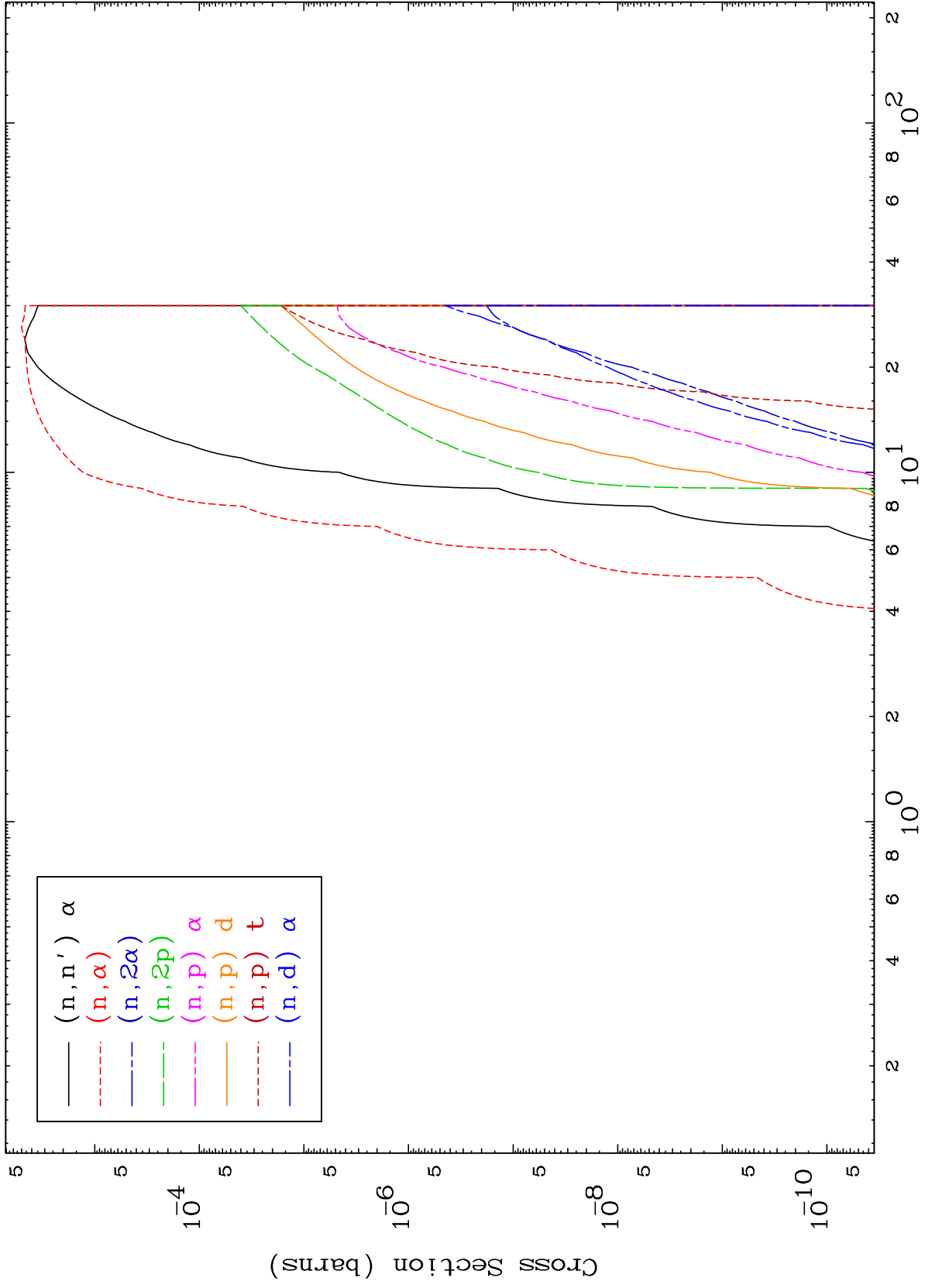










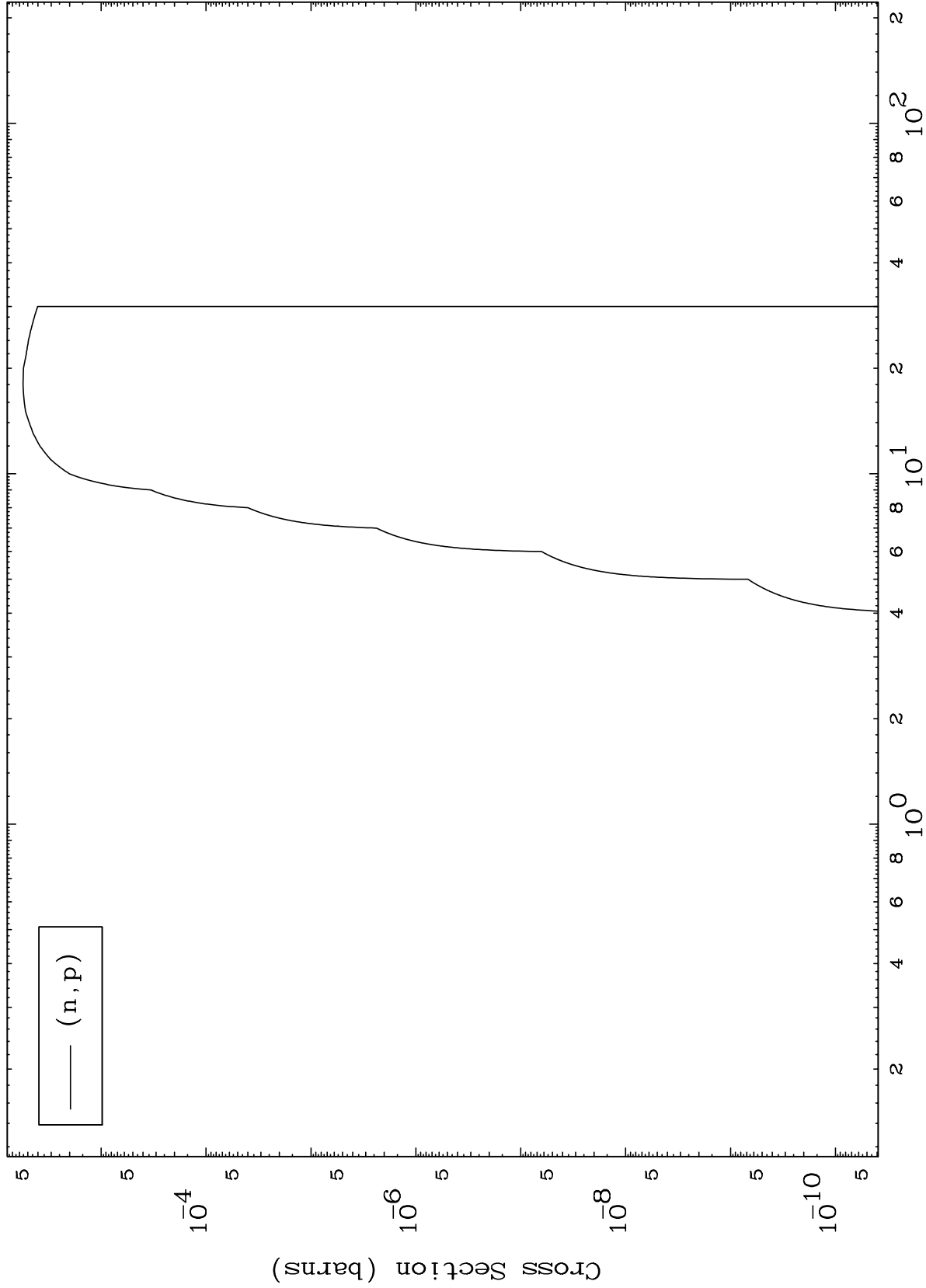


MAT 8104

(t,p) Levels

81-Tl-196

0 Kelvin Cross Sections

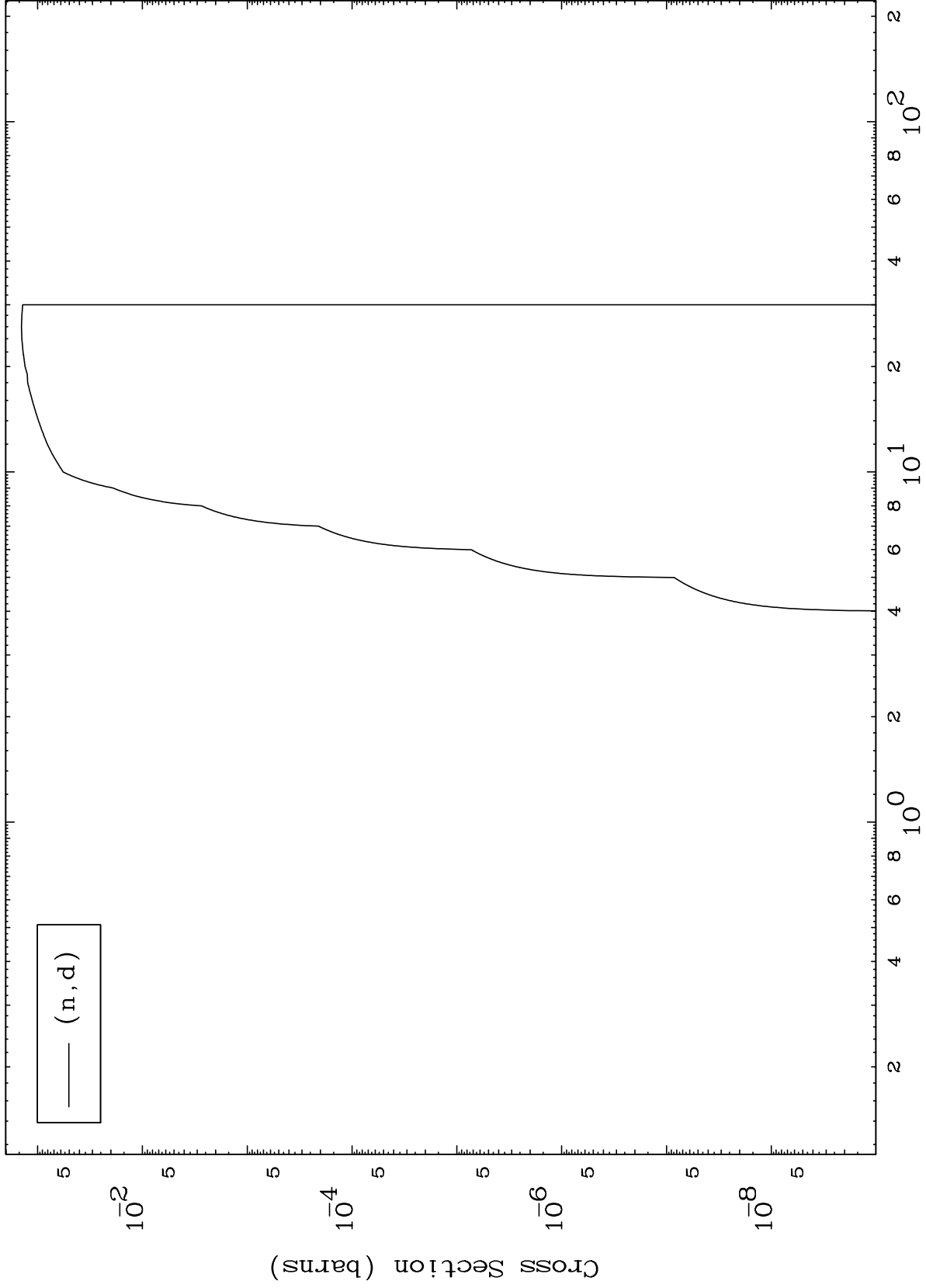


MAT 8104

(t,d) Levels

81-Tl-196

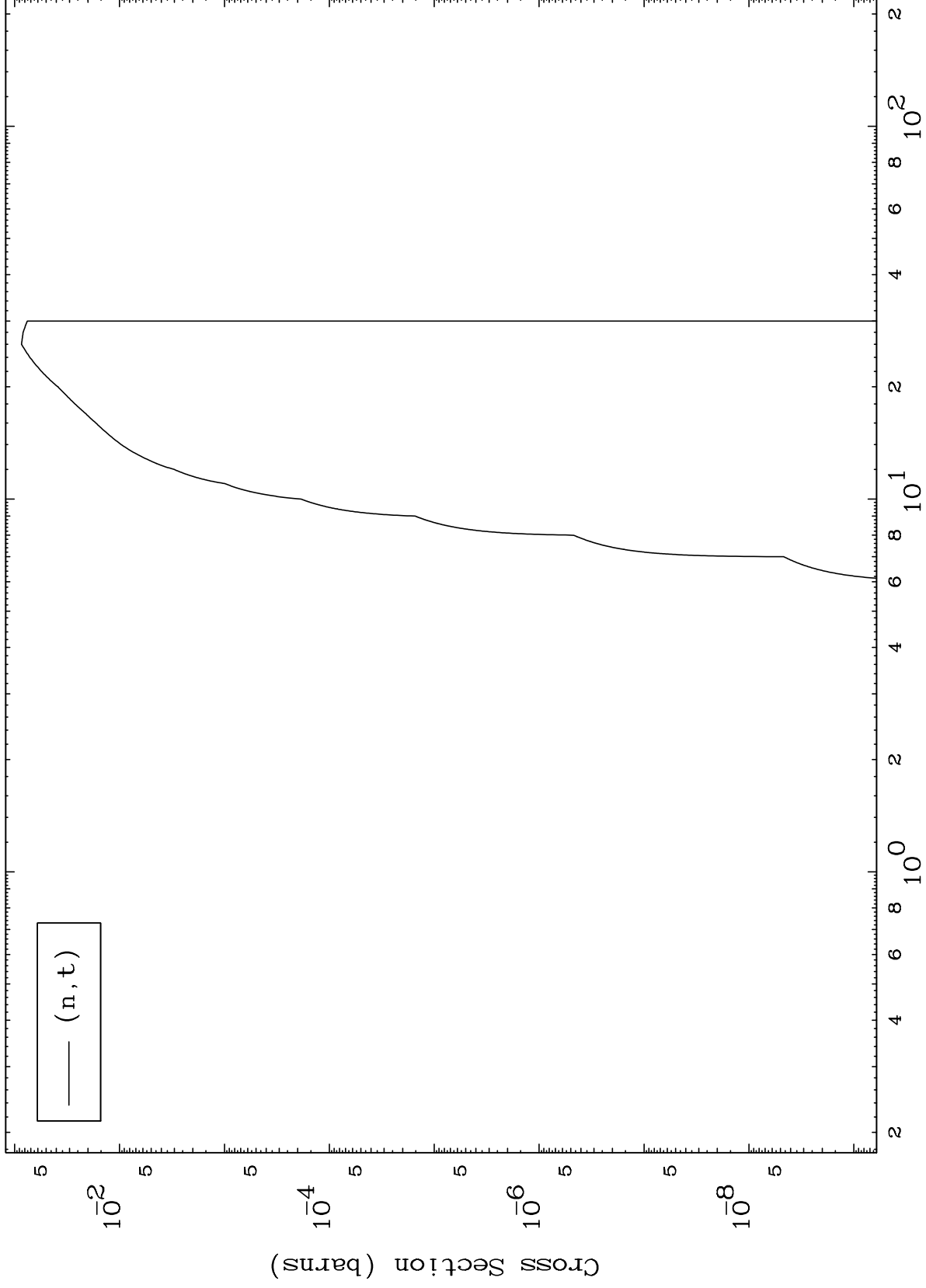
0 Kelvin Cross Sections



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(t, t) Levels
0 Kelvin Cross Sections

81-Tl-196



10

Incident Energy (MeV)

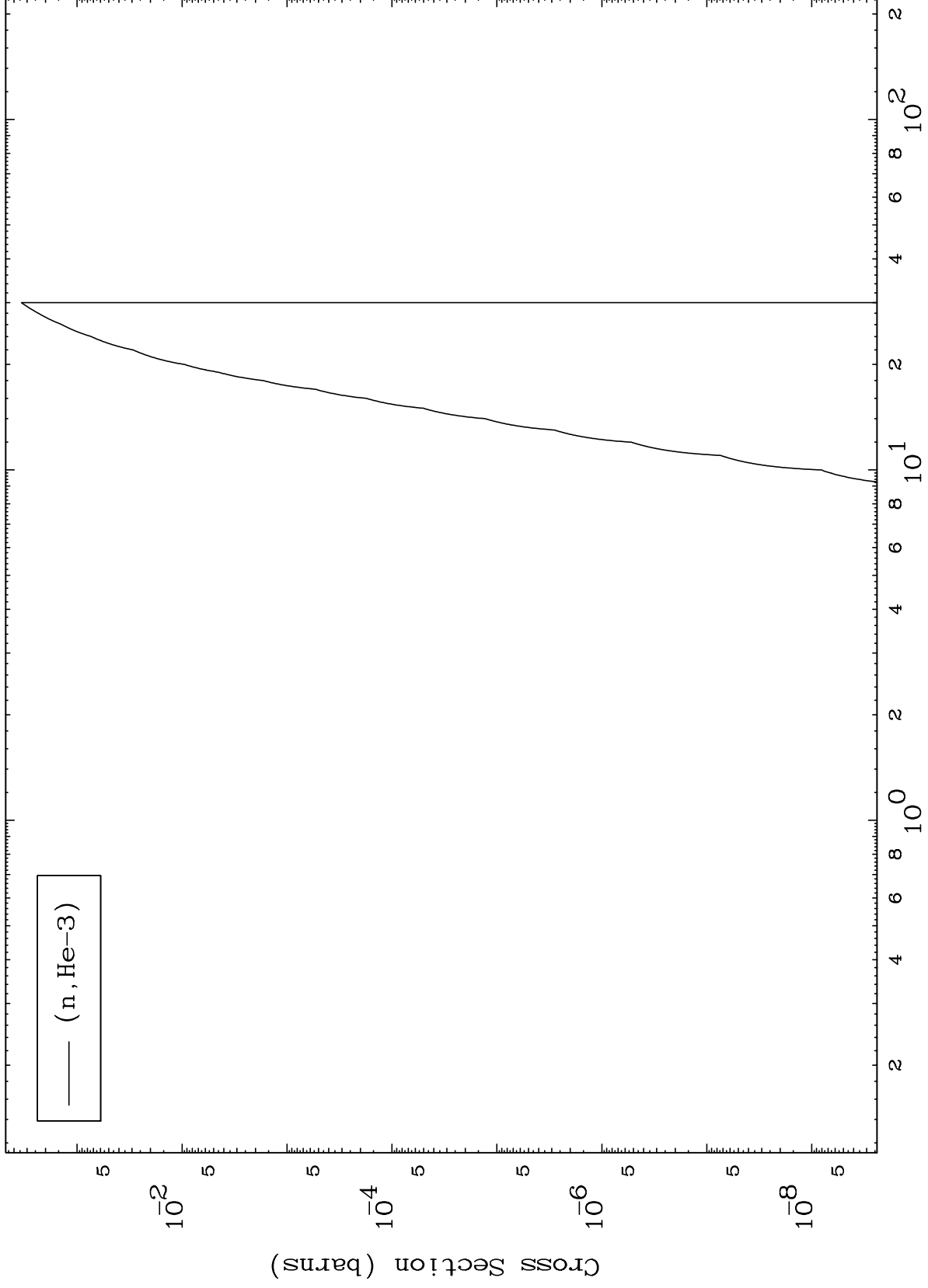
81-Tl-196

MAT 8104

(t,He3) Levels

81-Tl-196

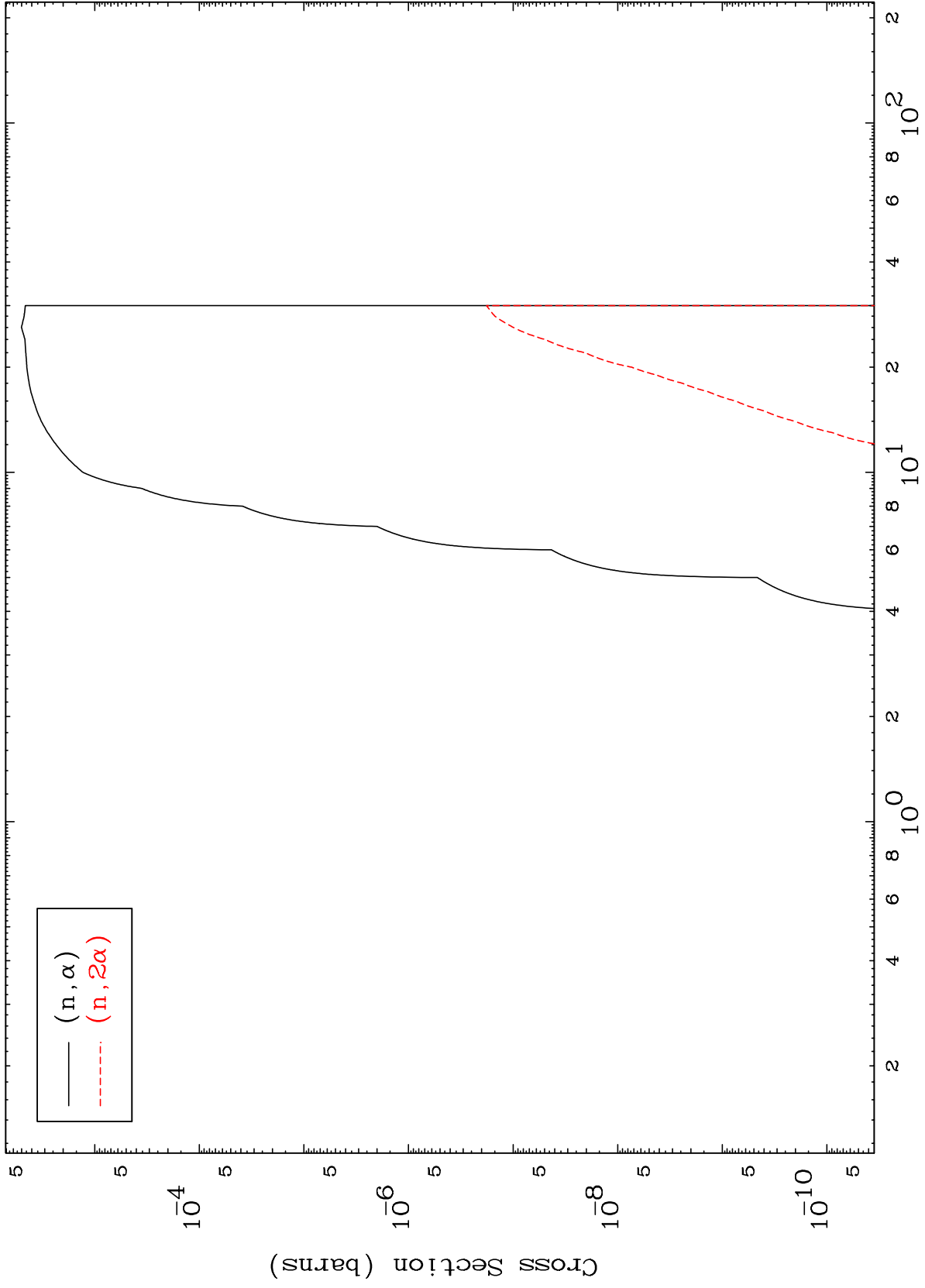
0 Kelvin Cross Sections



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(t, α) Levels
0 Kelvin Cross Sections

81-Tl-196

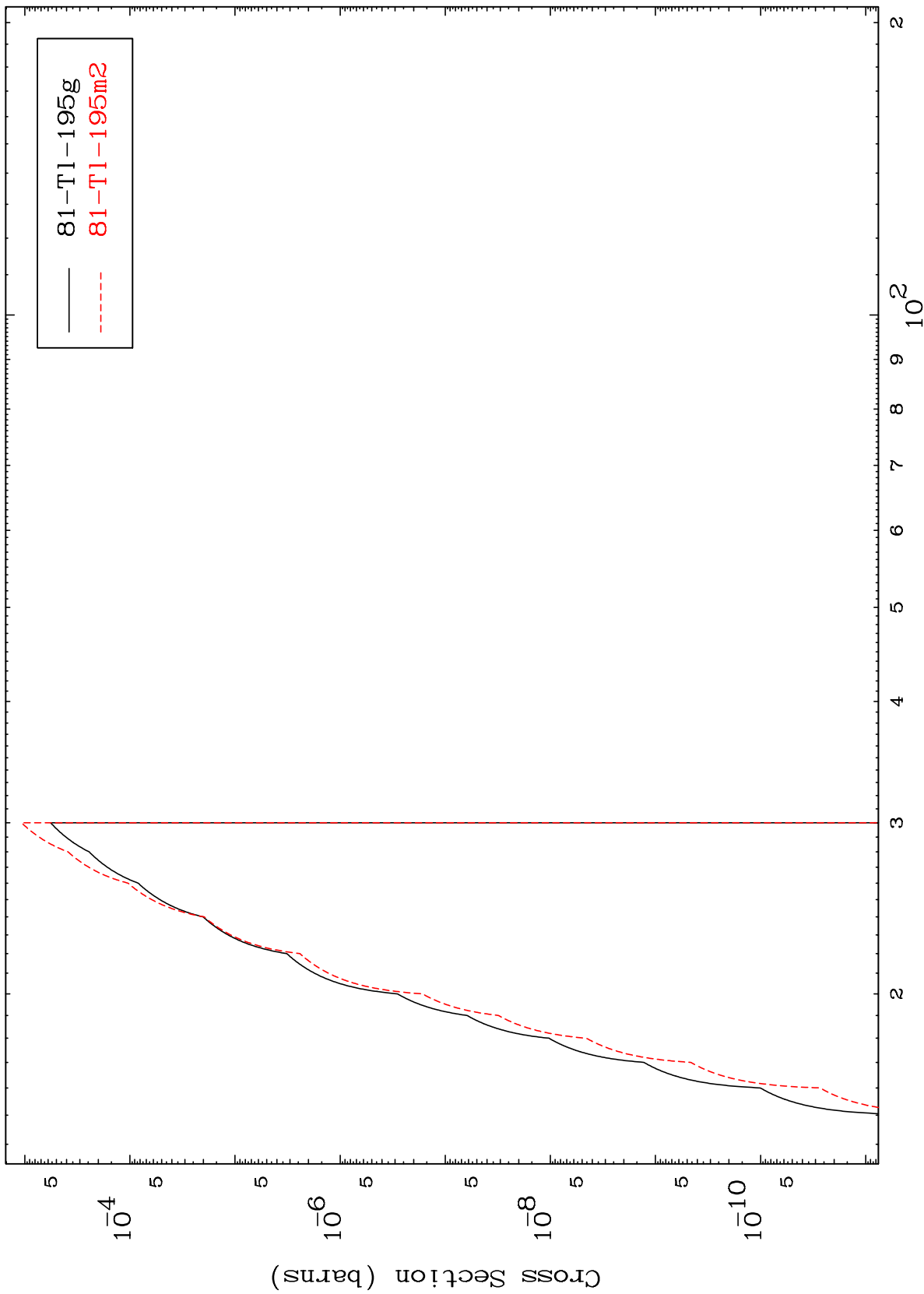


12

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section



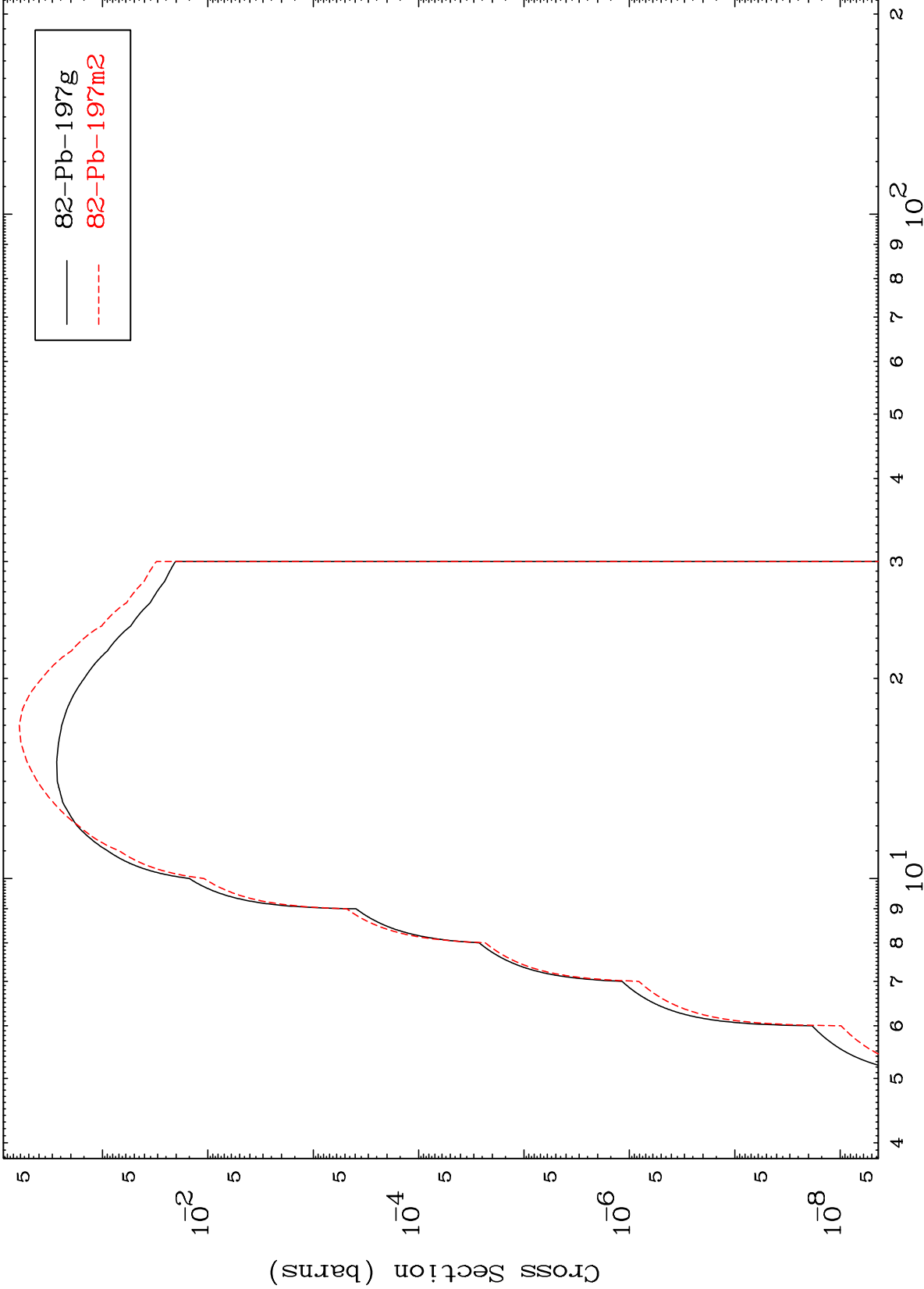
81-Tl-195g
81-Tl-195m2

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(n,2n)

81-Tl-196

Radionuclide Production Cross Section



14

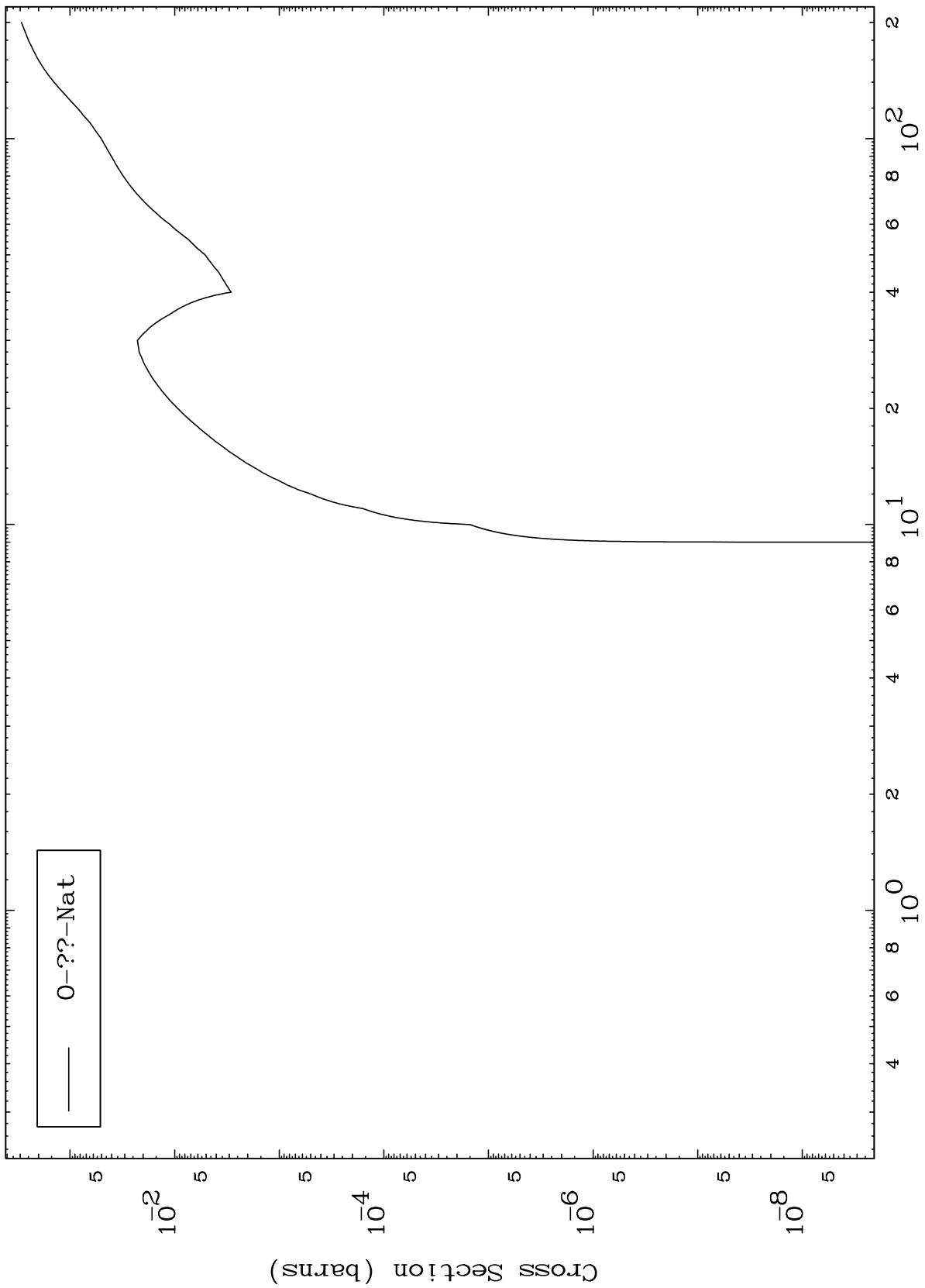
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Fission
Radionuclide Production Cross Section



81-Tl-196

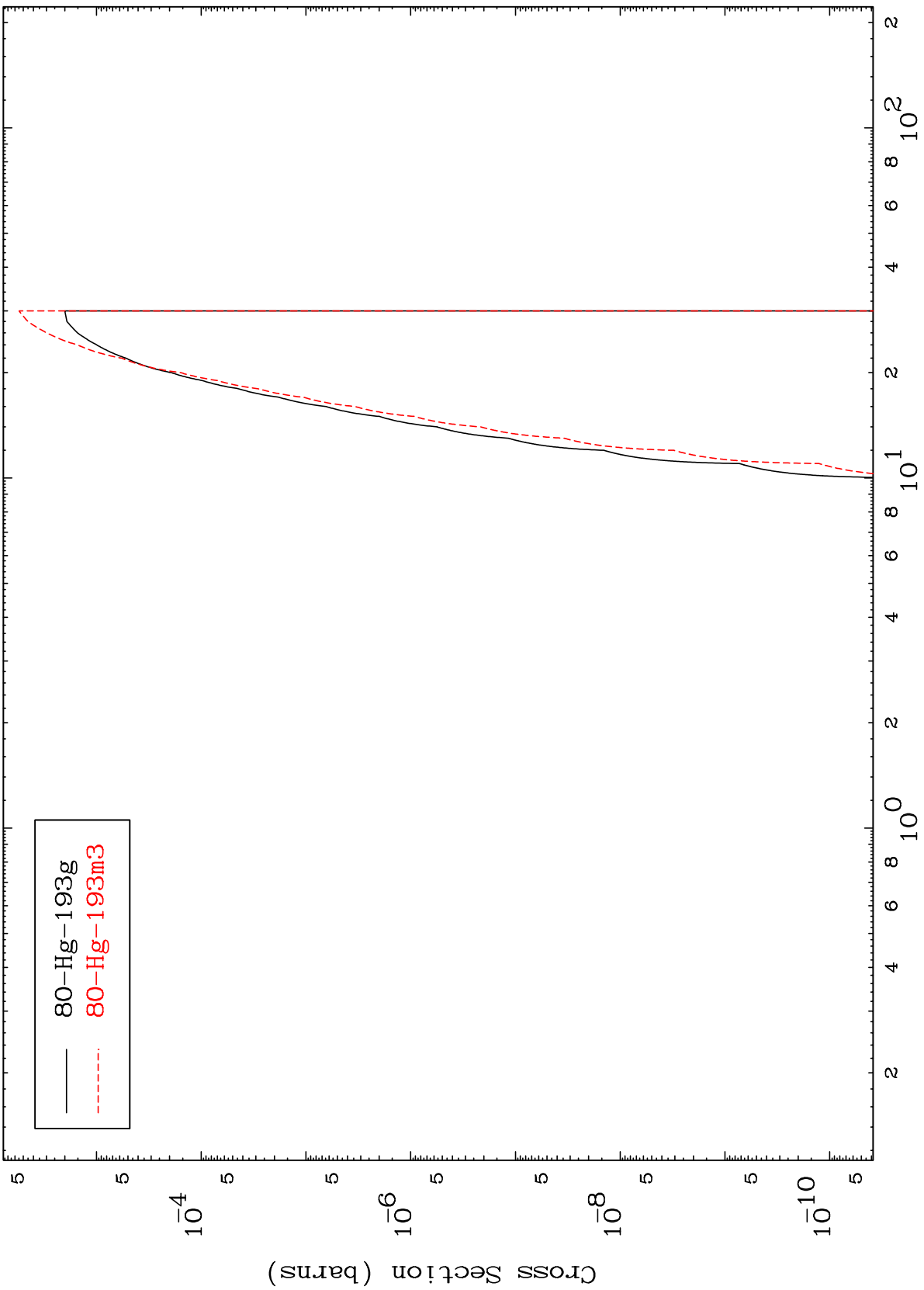
Incident Energy (MeV)

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(n,2n) α

81-Tl-196

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

16

Incident Energy (MeV)

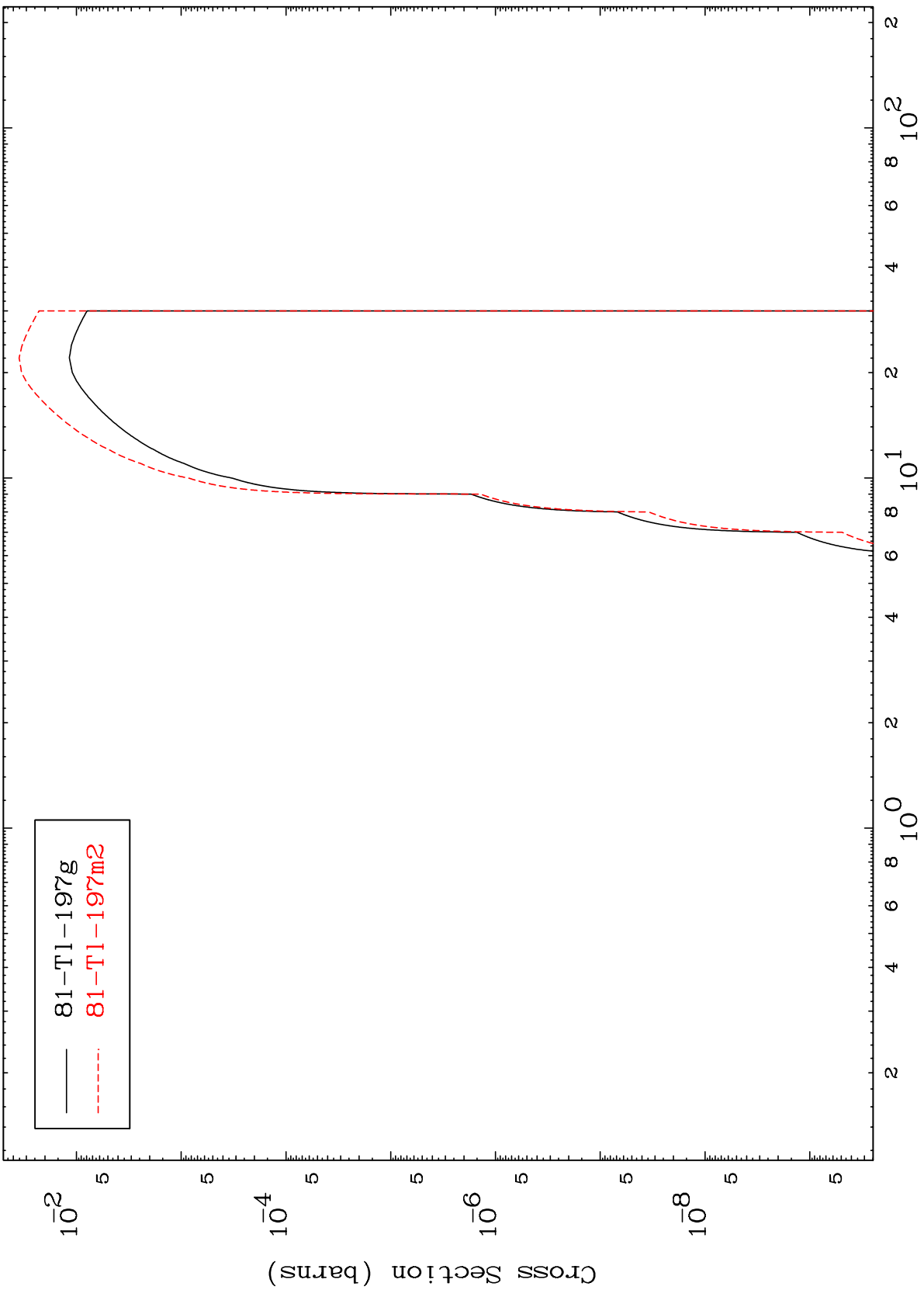
81-Tl-196

MAT 8104

(n,n') p

81-Tl-196

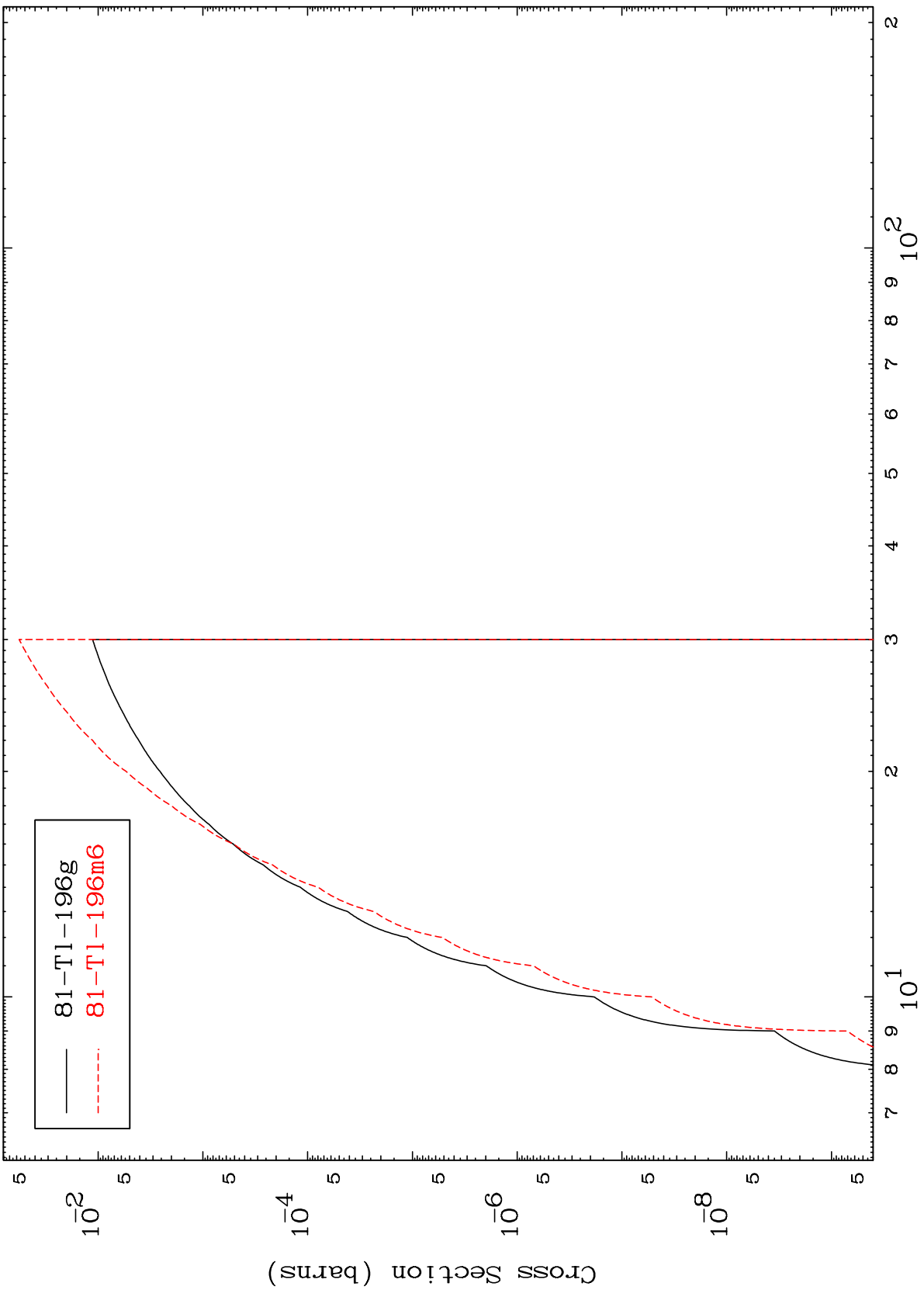
Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

(n,n') d

Radionuclide Production Cross Section

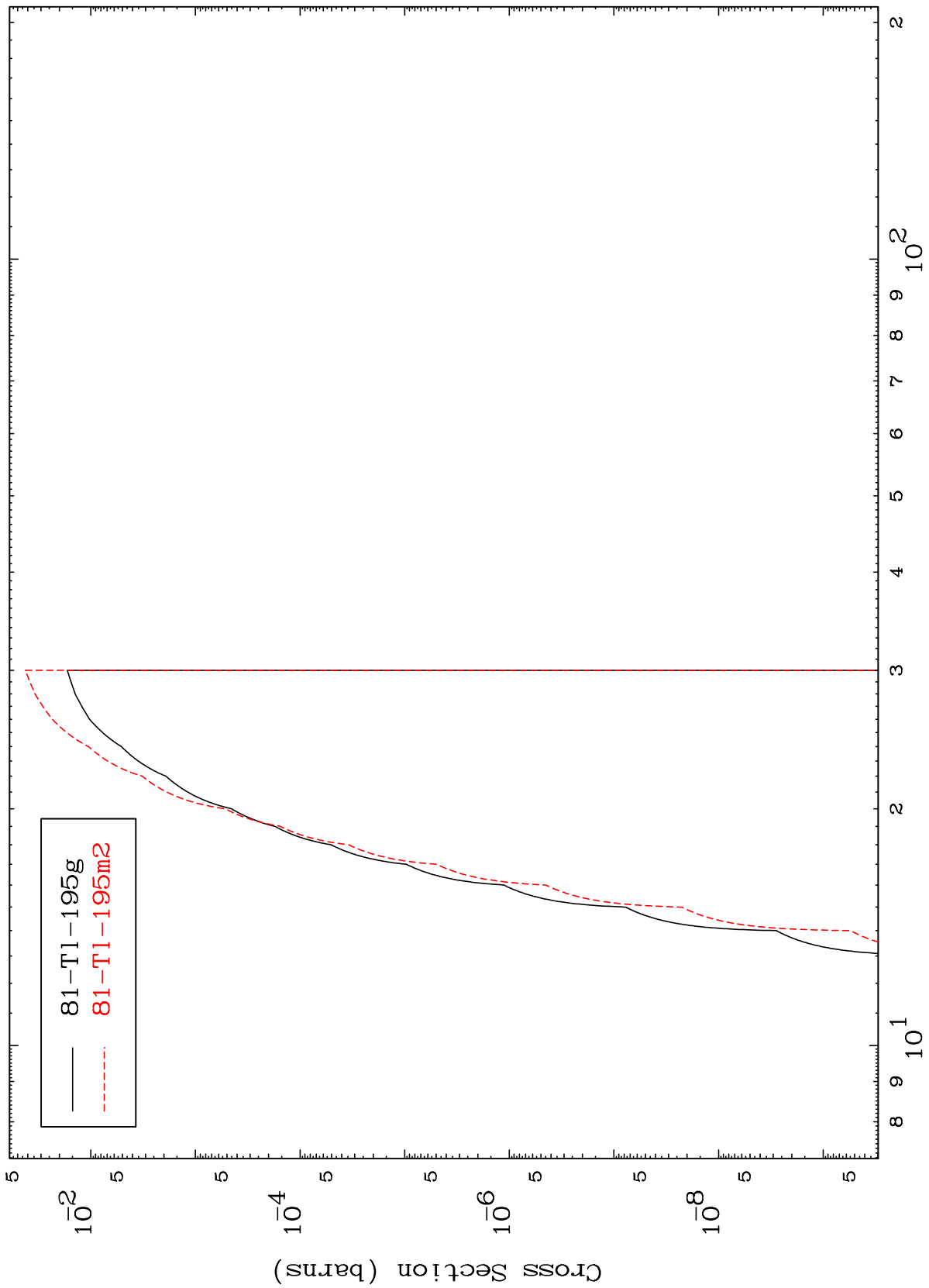


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(n,n') t

81-Tl-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

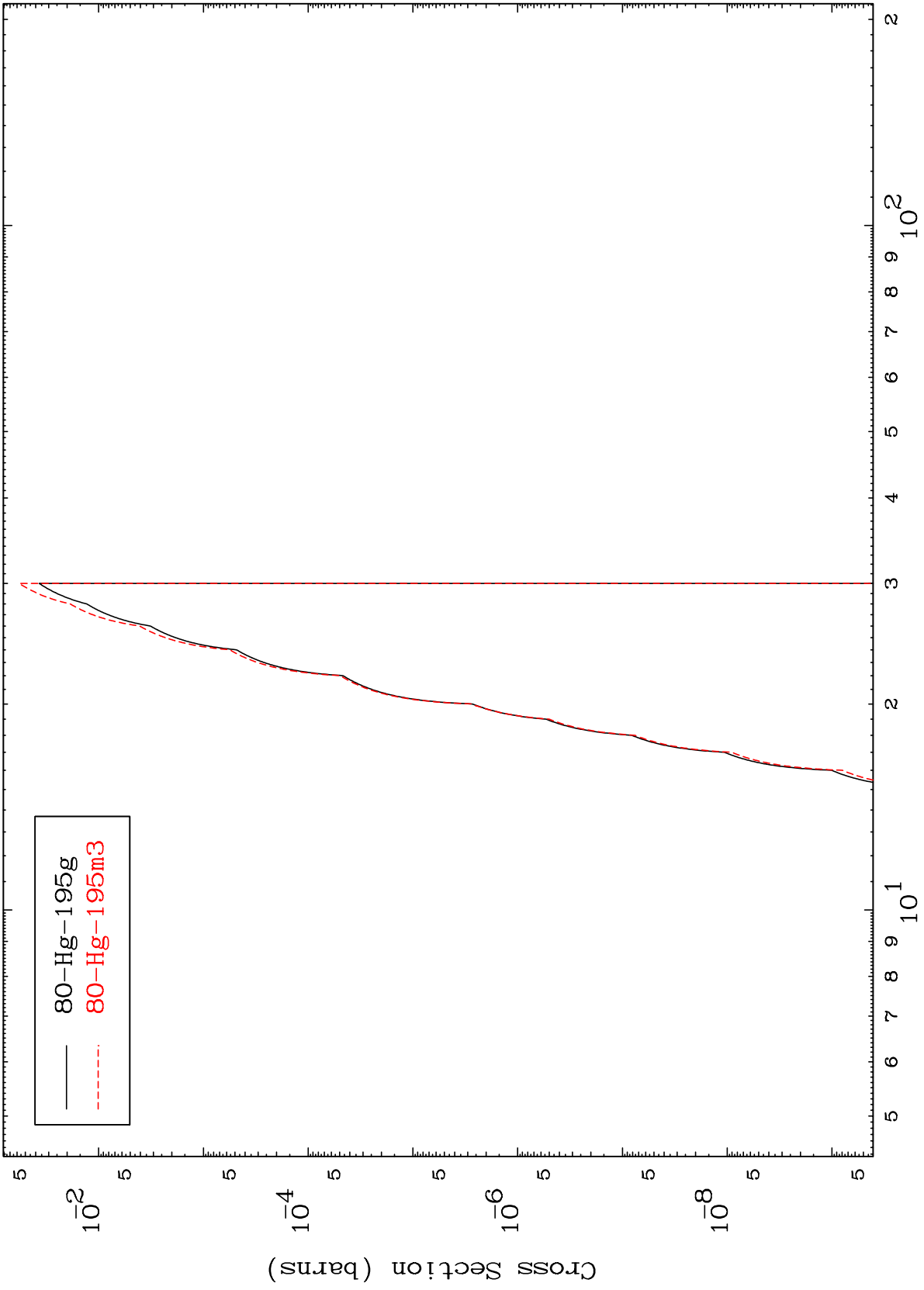
81-Tl-196

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(n,n') He-3

81-T1-196

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

20

Incident Energy (MeV)

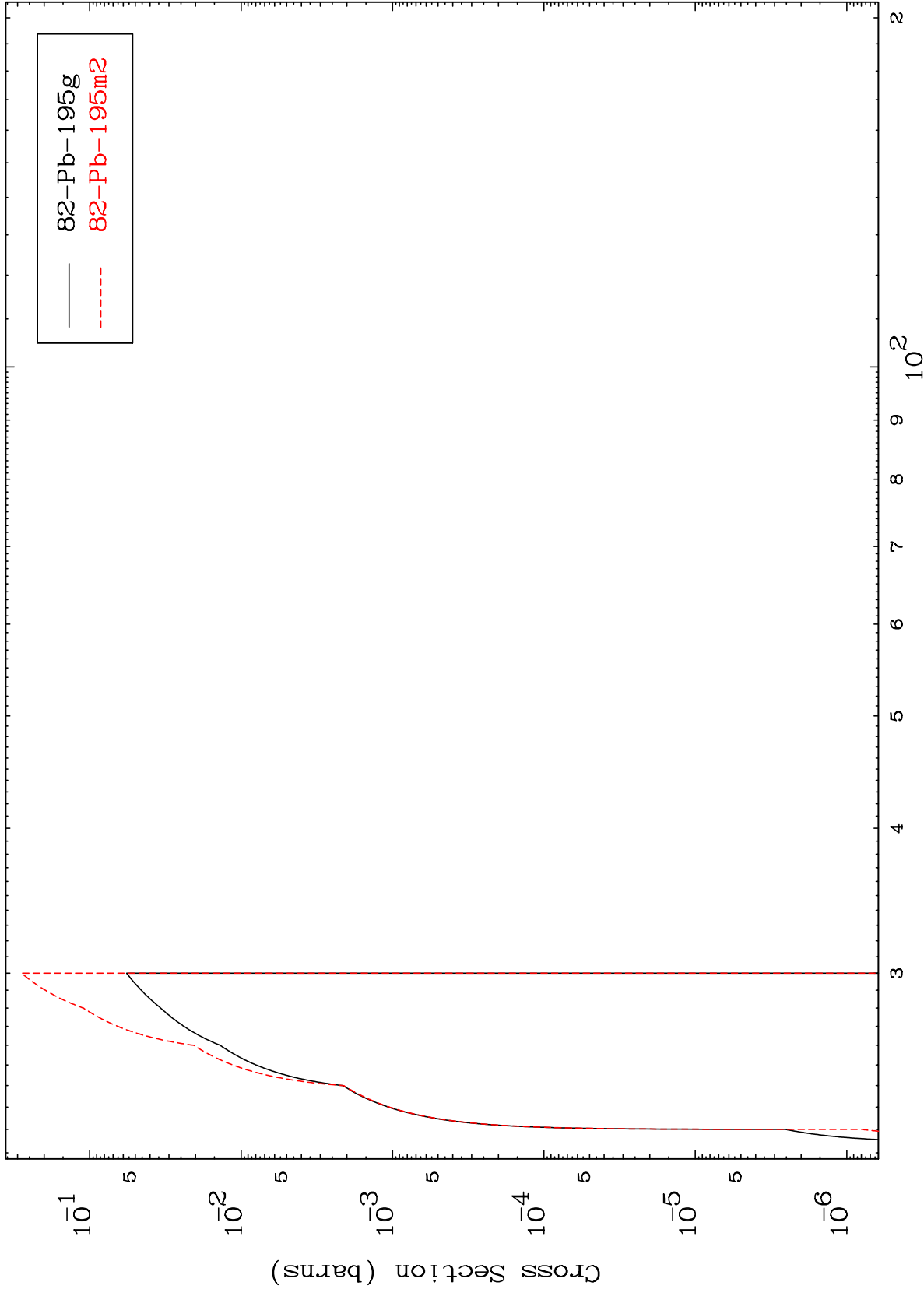
81-T1-196

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(n,4n)

81-Tl-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

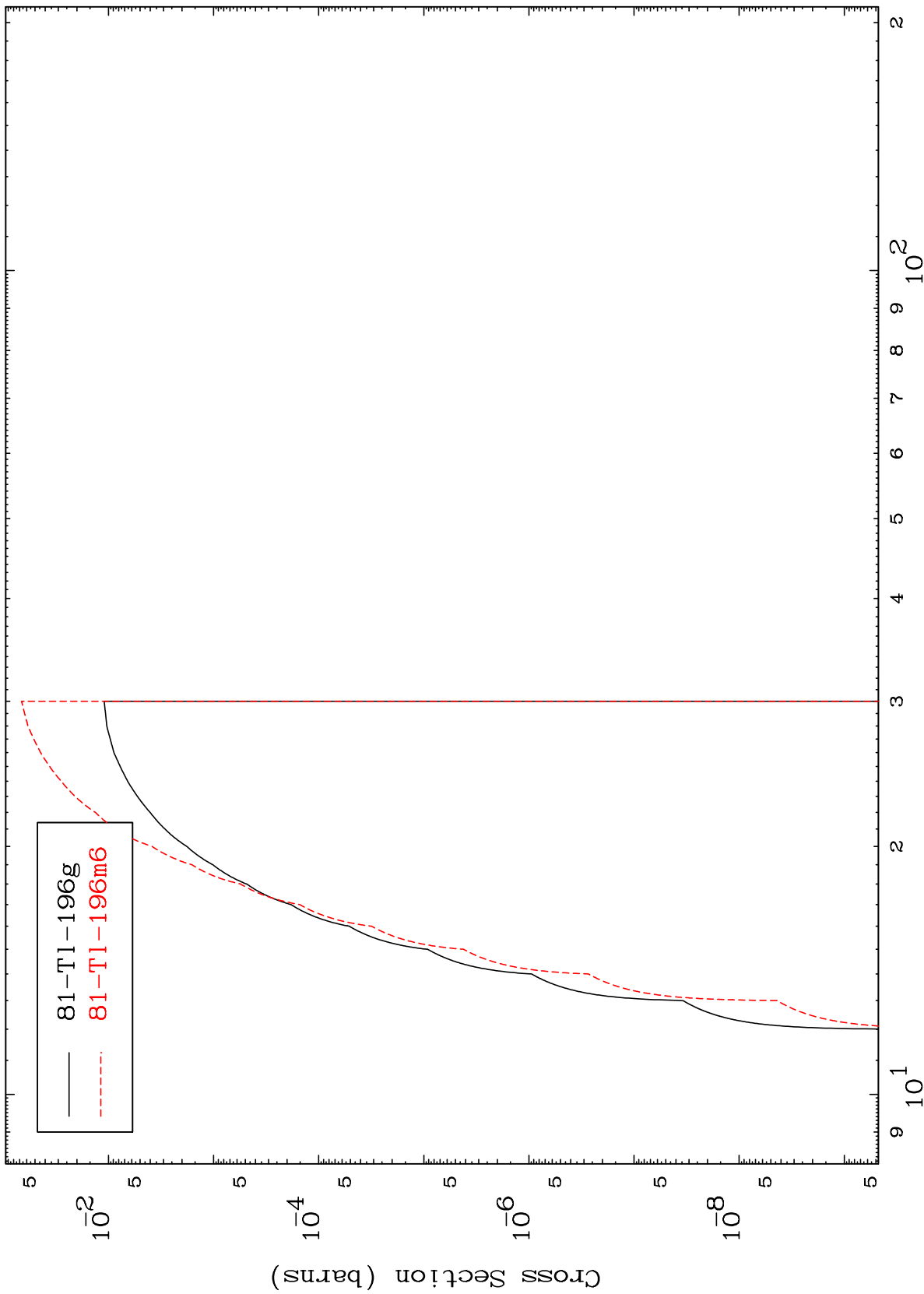
81-Tl-196

MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

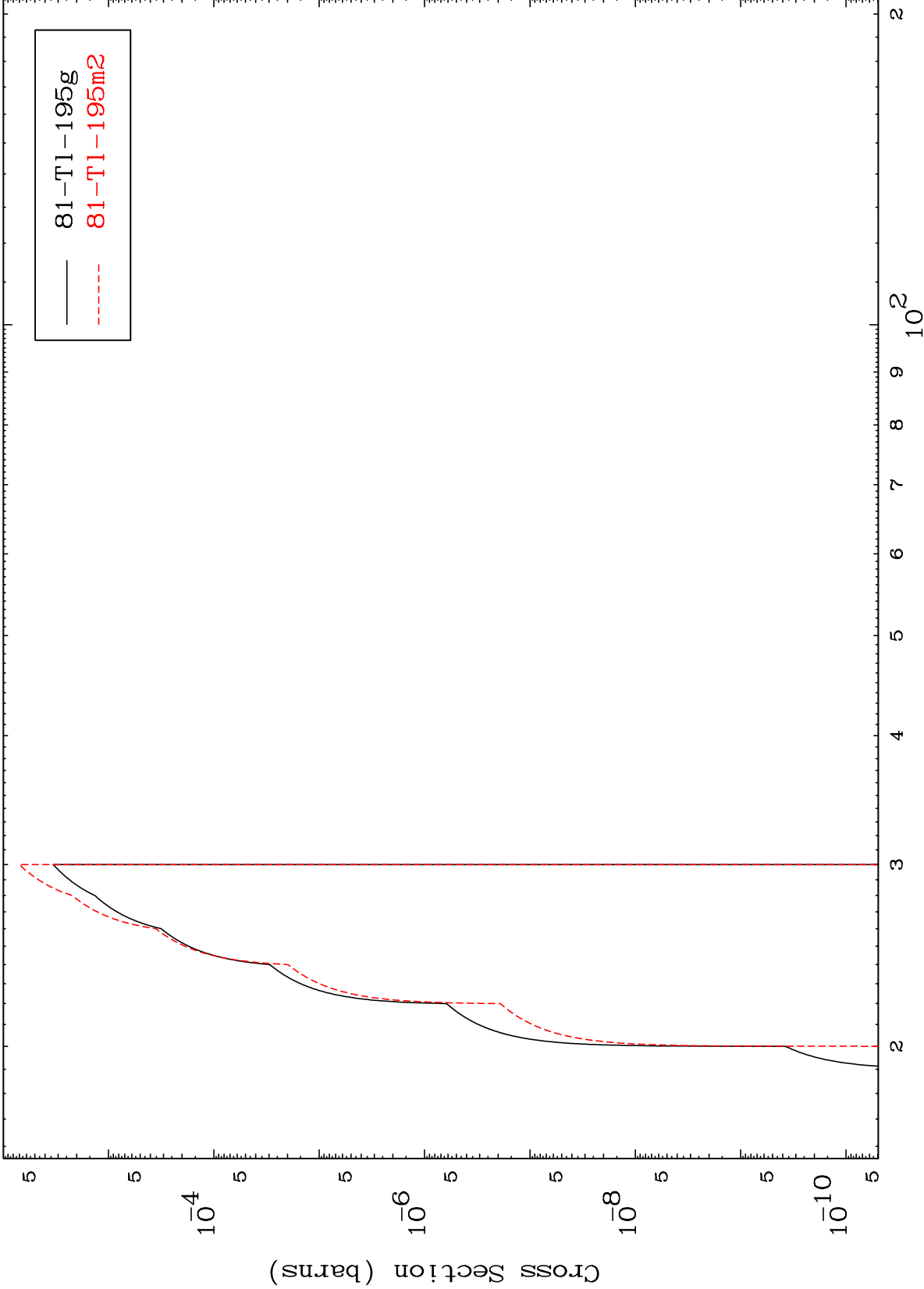
81-Tl-196

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(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



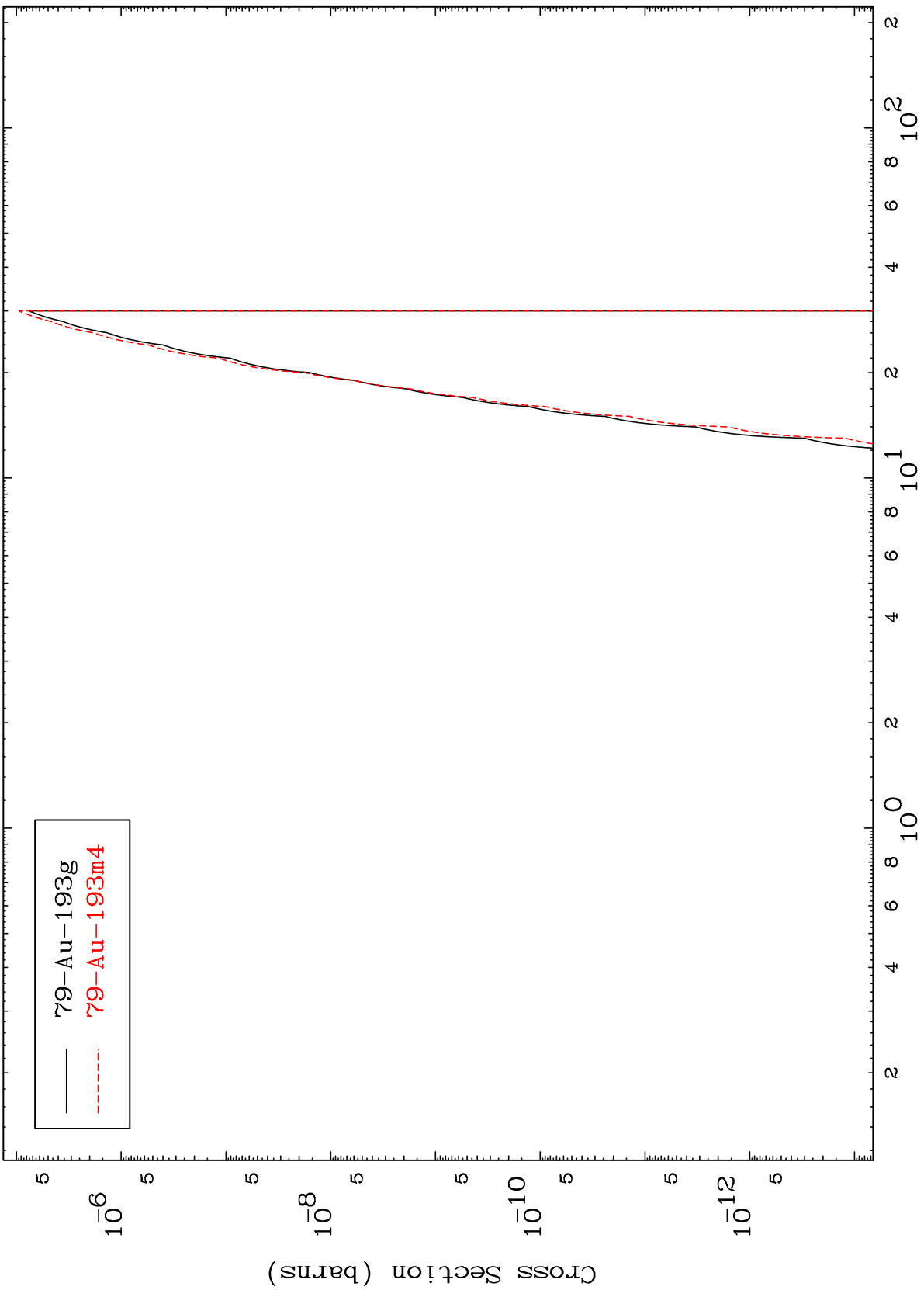
81-Tl-195g
81-Tl-195m2

MAT 8104

(n,n') p α

81-Tl-196

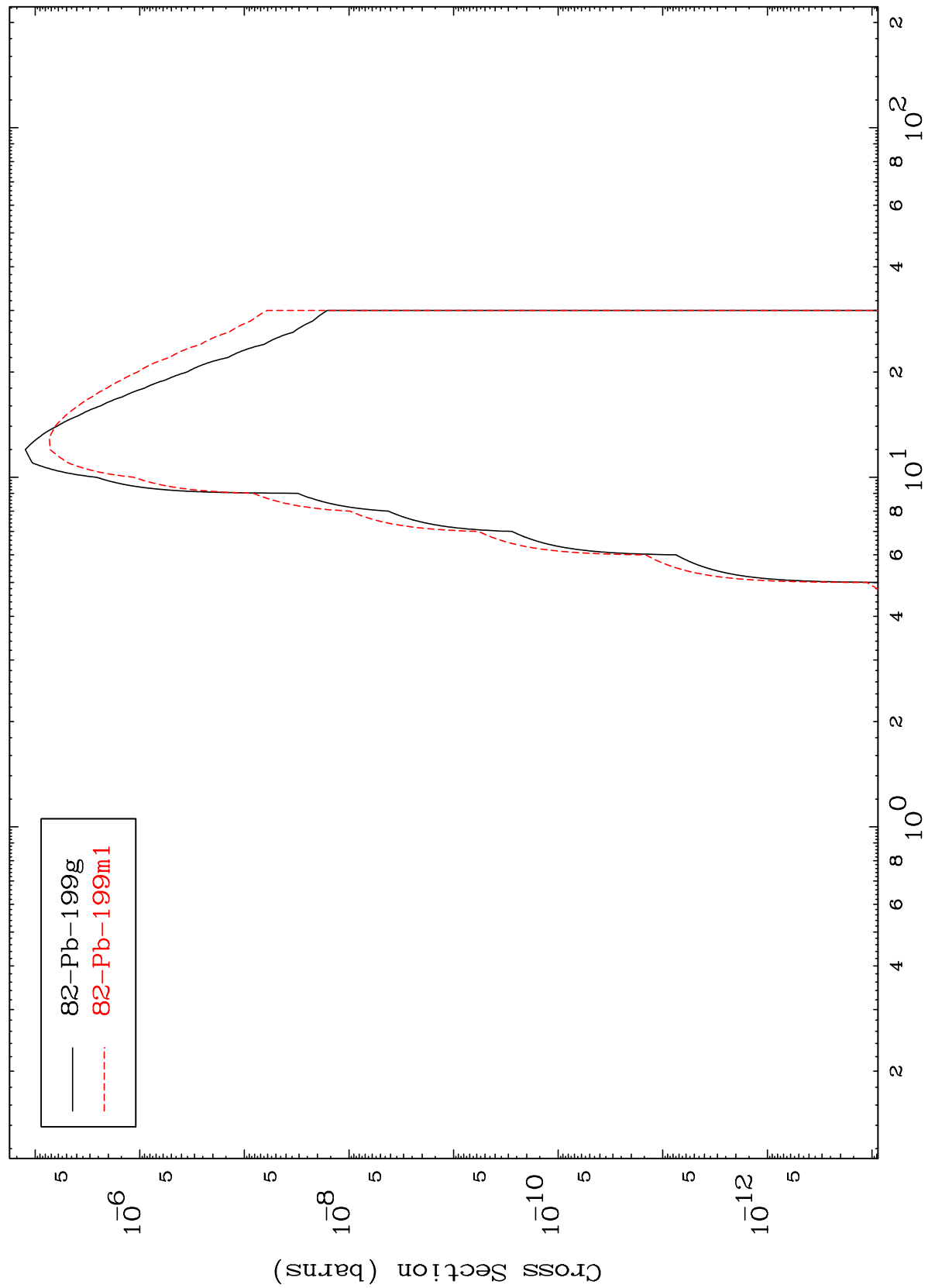
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(n, γ)
Radionuclide Production Cross Section



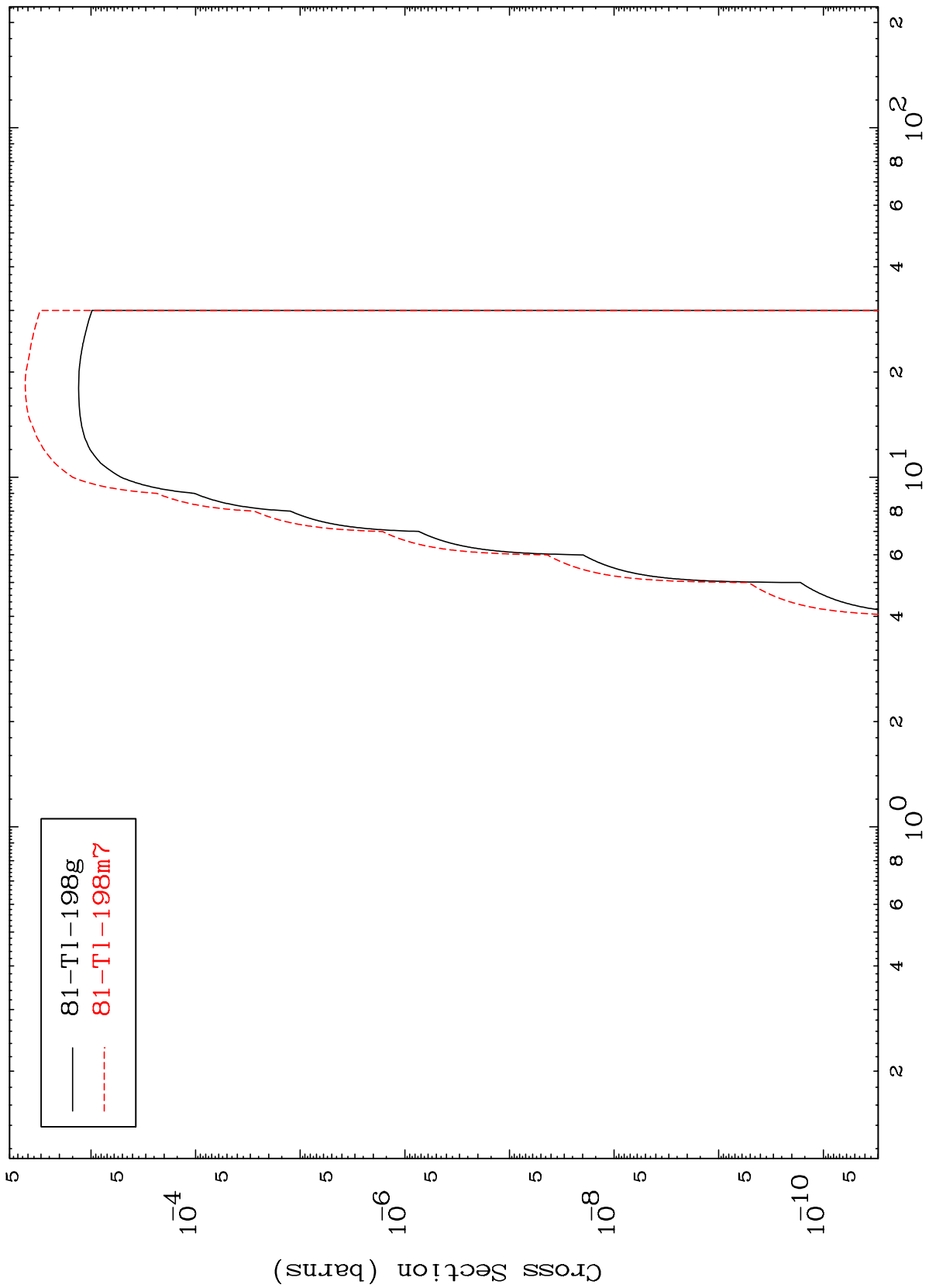
25

81-Tl-196

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81-Tl-196

(n,p)
Radionuclide Production Cross Section



81-Tl-196

Incident Energy (MeV)

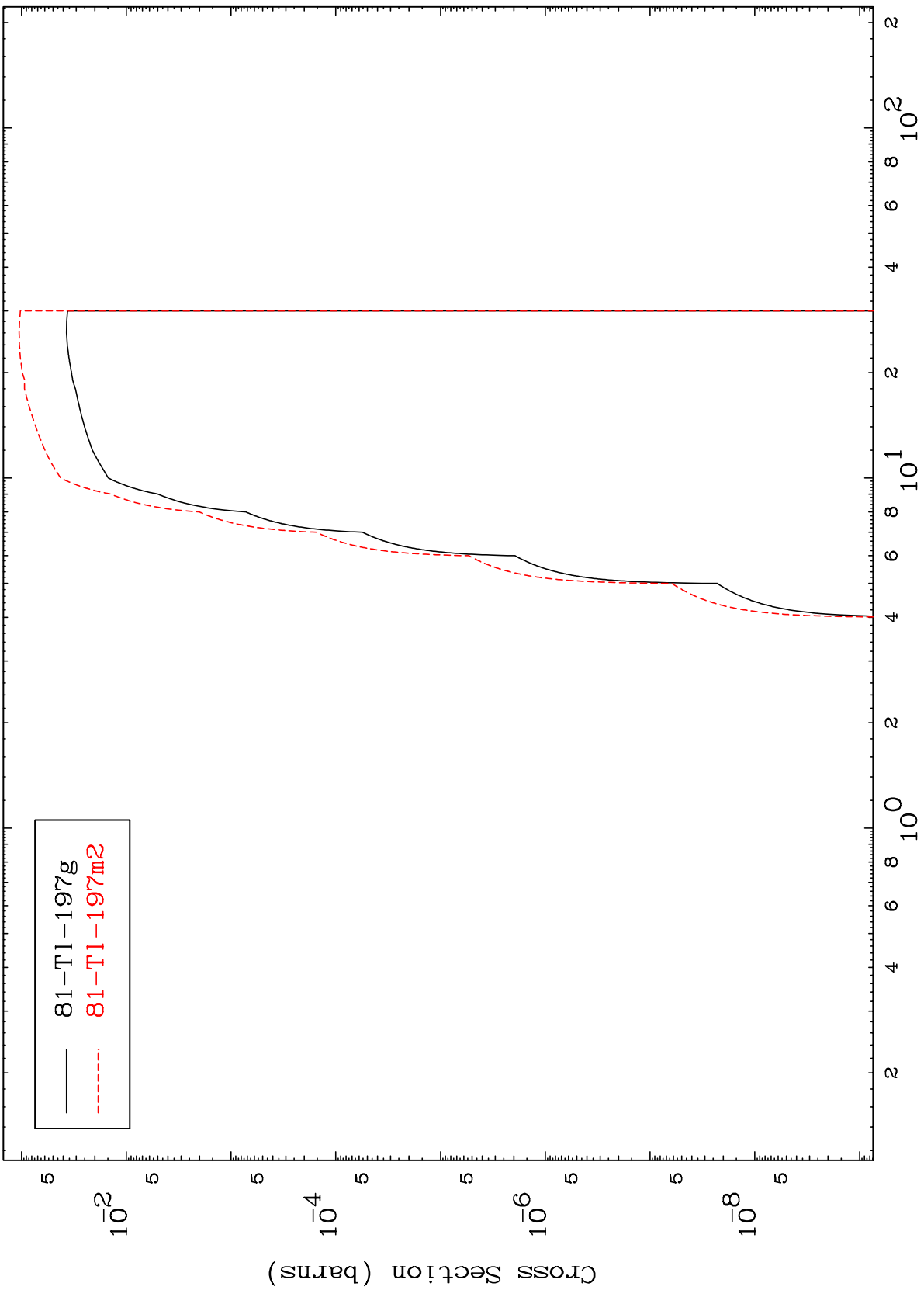
26

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(n,d)

81-Tl-196

Radionuclide Production Cross Section

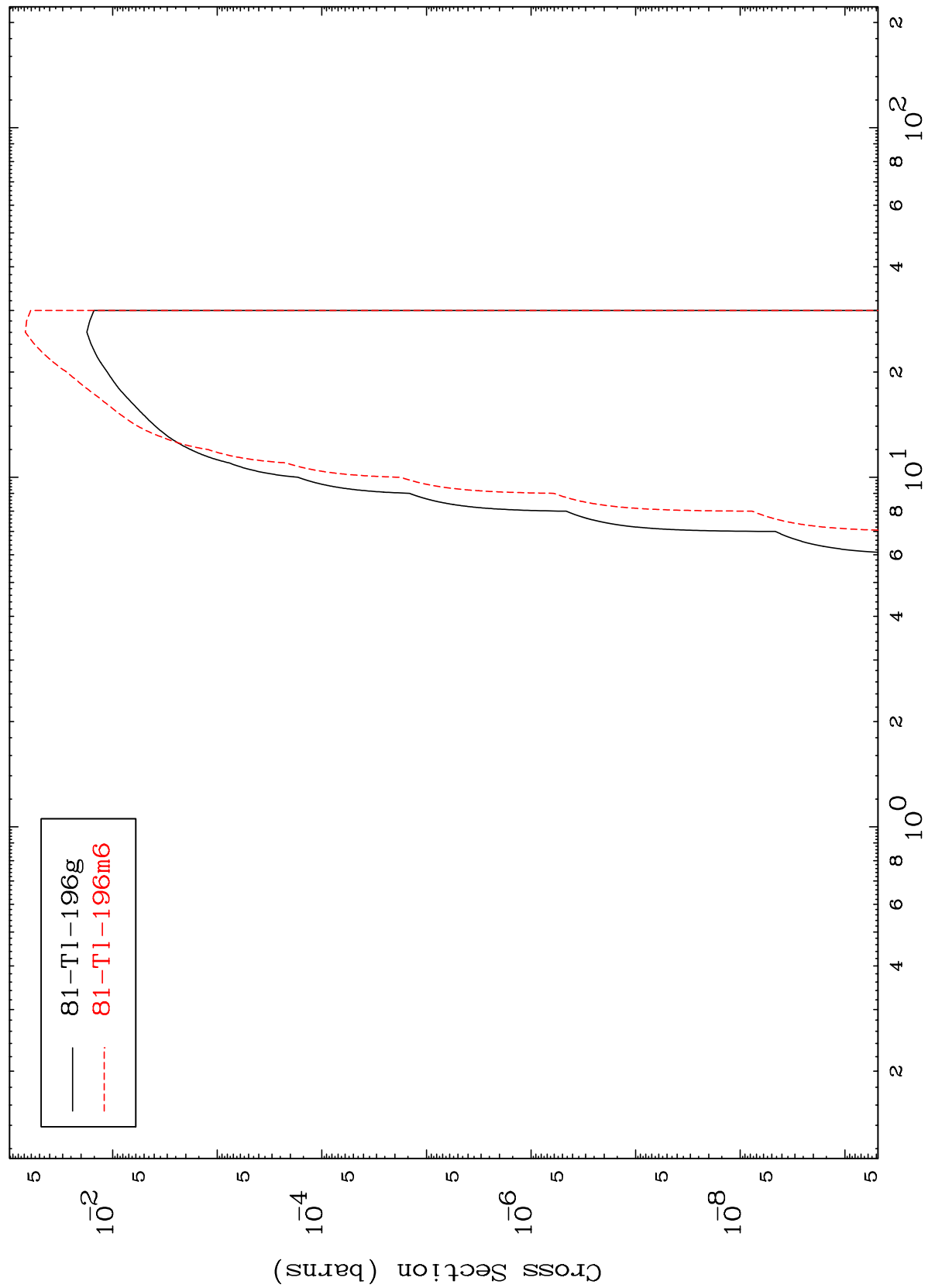


81-Tl-197g
81-Tl-197m2

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81-Tl-196

(n, t)
Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

81-Tl-196

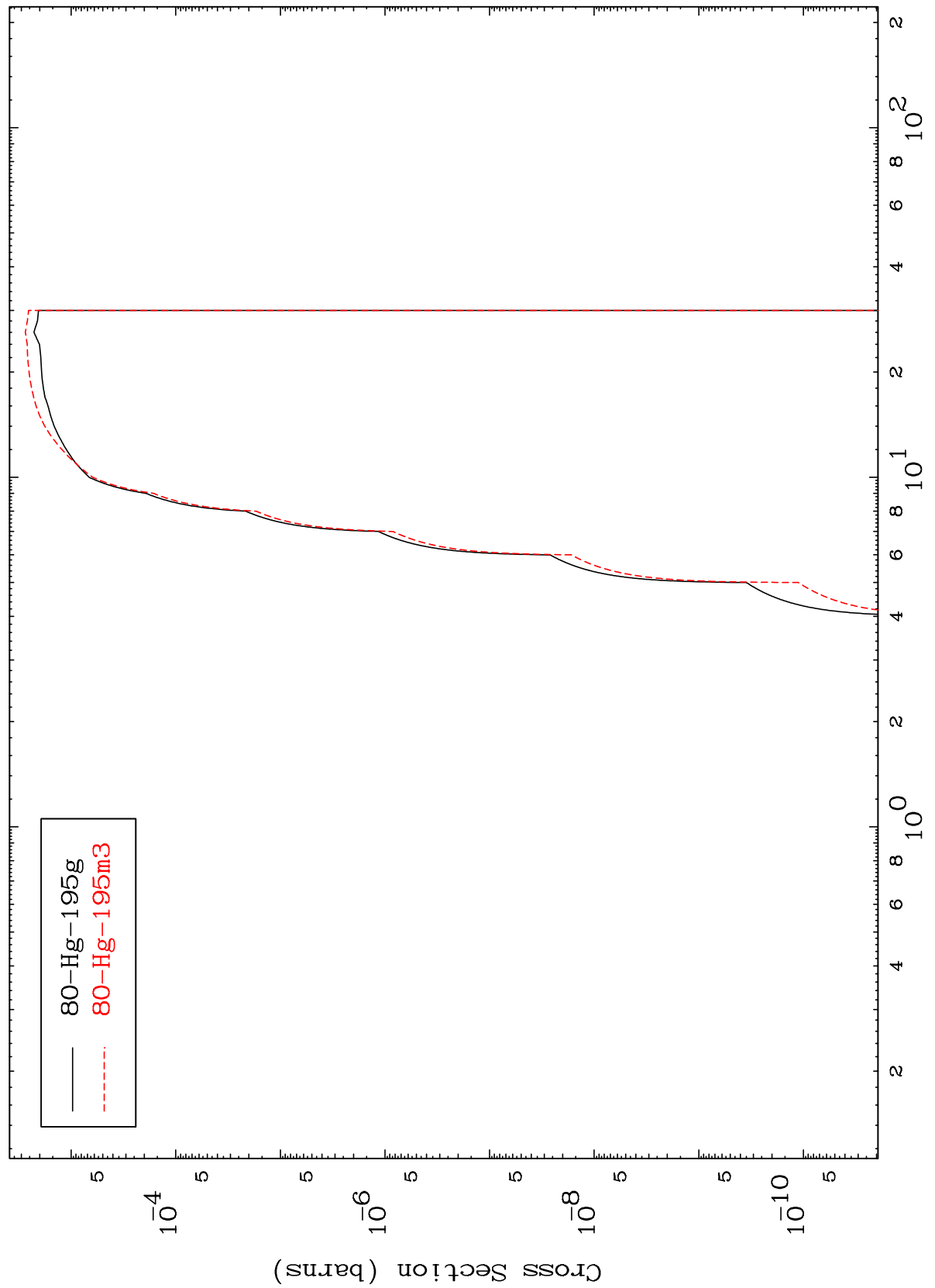
Incident Energy (MeV)

28

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81-Tl-196

Radionuclide Production Cross Section
(n, α)

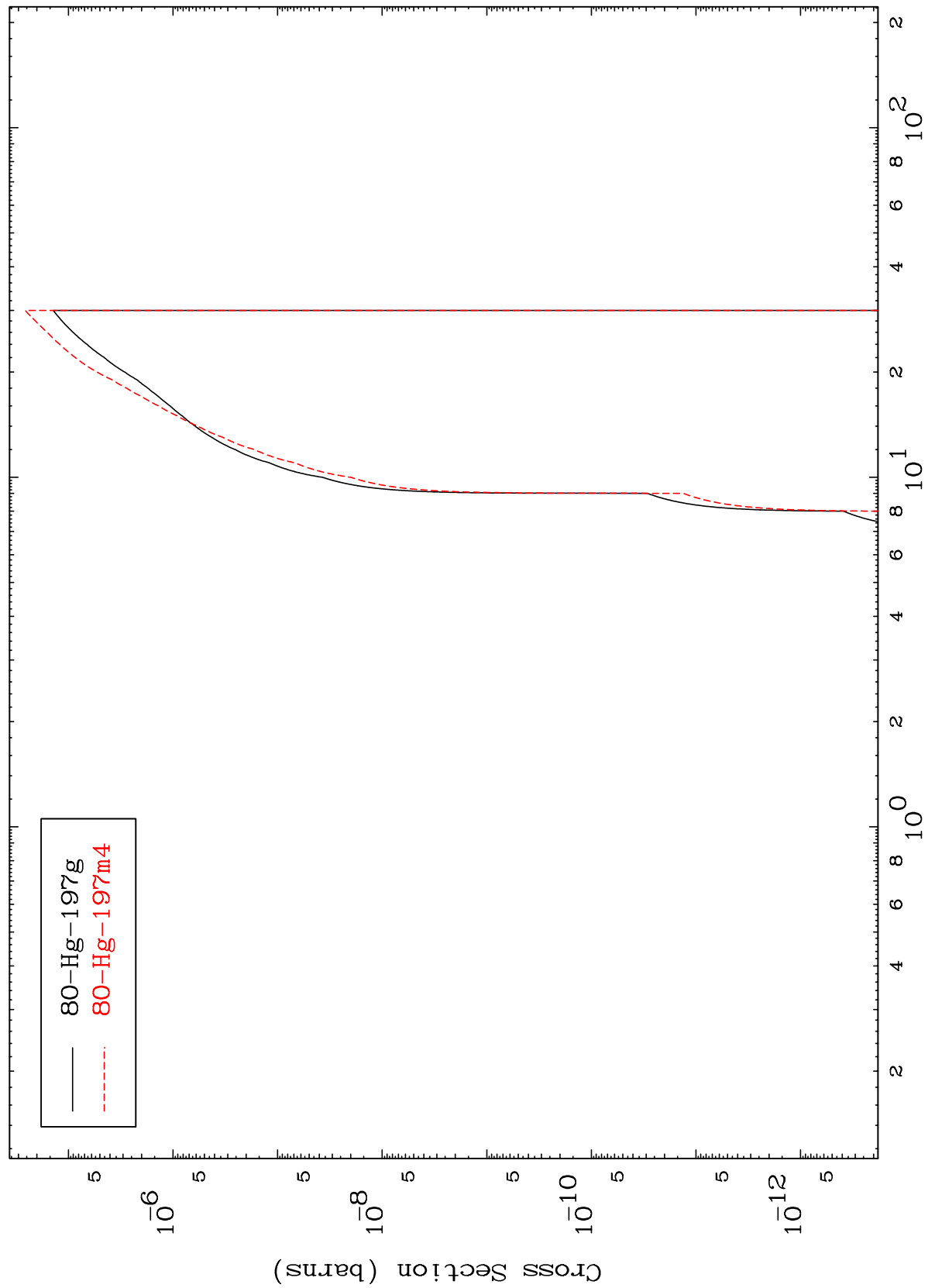


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81-Tl-196

(n,2p)

Radionuclide Production Cross Section

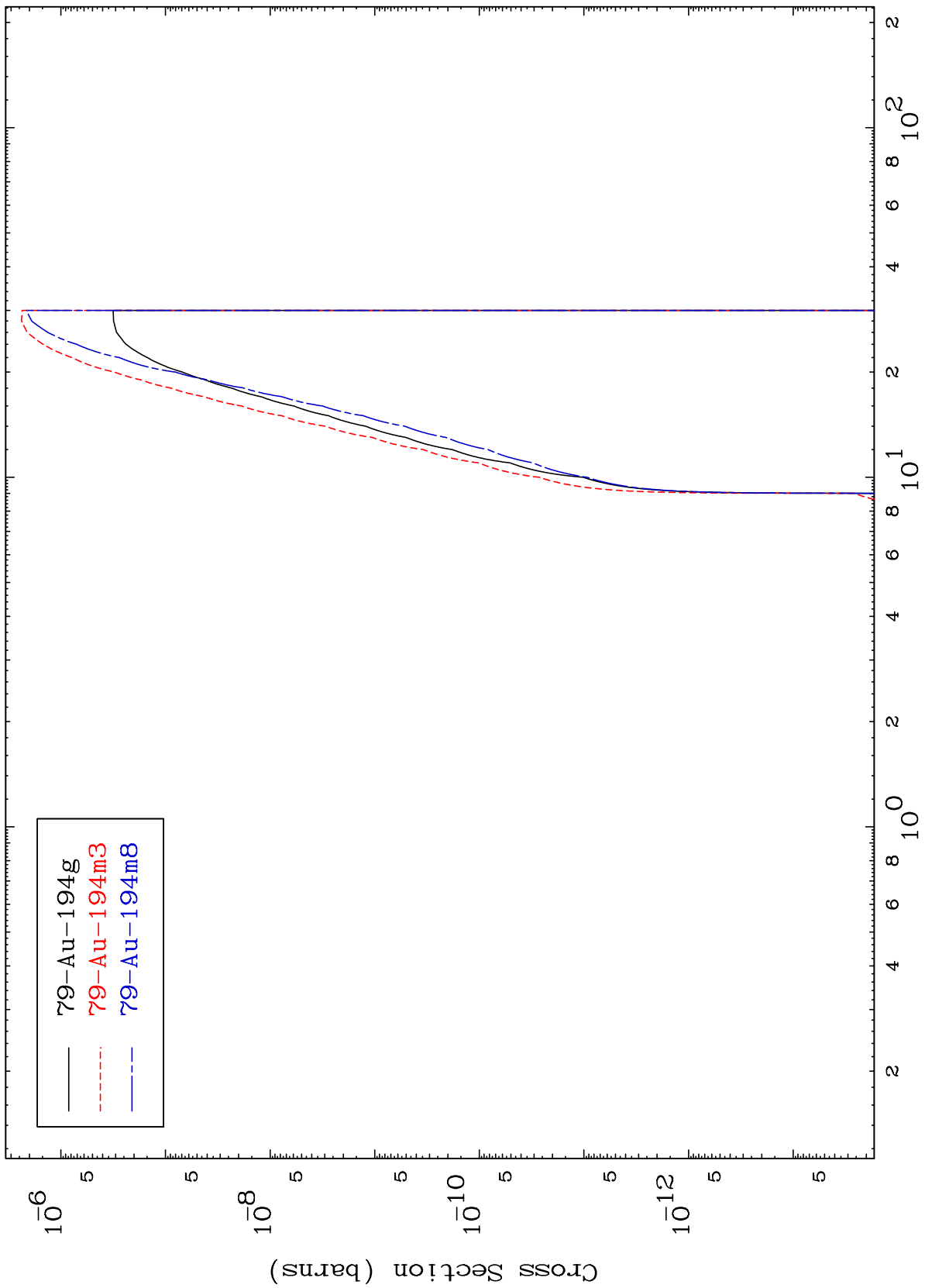


80-Hg-197g
80-Hg-197m4

30

81-Tl-196

Radionuclide Production Cross Section

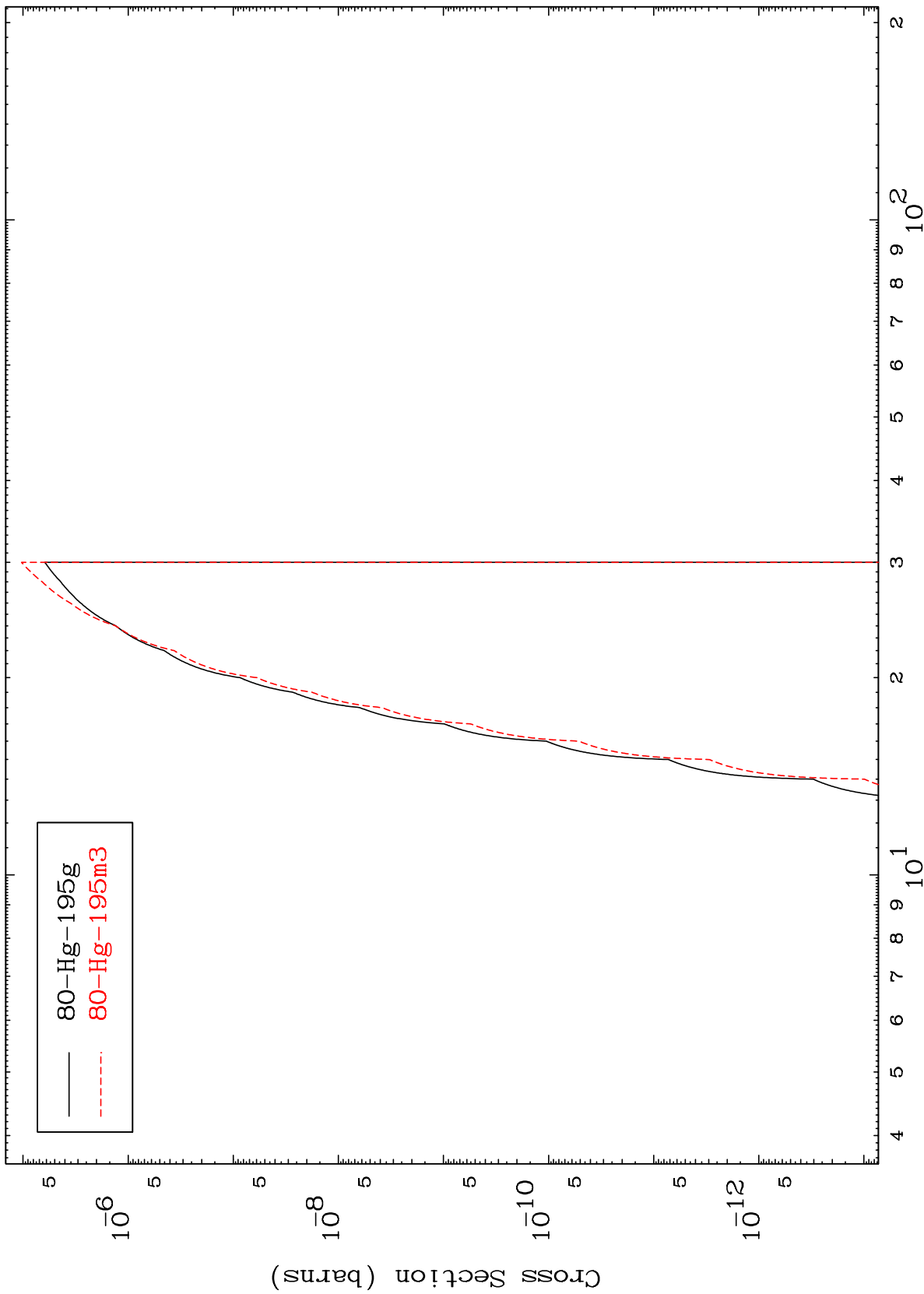


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(n,p) t

81-Tl-196

Radionuclide Production Cross Section



MAT 8104

(n,d) α

81-Tl-196

Radionuclide Production Cross Section

